

EMBARGOED UNTIL 11:30 AM 23 JUNE 1992



EMPLOYED WAGE AND SALARY EARNERS
AUSTRALIA
DECEMBER QUARTER 1991

December Quarter 1991
**Employed Wage and
Salary Earners
Australia**

IAN CASTLES
Australian Statistician

Catalogue No. 6248.0

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Employee Benefits
Employee Website
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Annotations
December October 1999

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- * for further information about statistics in this publication and the availability of related unpublished statistics, contact Mr Eric Preston in Canberra (06) 252 6511 or any ABS State office;
- * for information about other ABS statistics and services please refer to the back page of this publication.

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EMPLOYEE WAGE AND SALARY EARNERS
AUSTRALIA

EMPLOYEE WAGE AND SALARY EARNERS
AUSTRALIA
DECEMBER QUARTER 1991

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EMPLOYEE WAGE AND SALARY EARNERS

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Employed wage and salary earners—

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SUMMARY OF FINDINGS

The Australian Bureau of Statistics (ABS) publishes two series of employment estimates.

The monthly Labour Force Survey collects data by interview from a sample of about 31,000 private and non-private dwellings, using trained interviewers. Self-employed persons are included in the Labour Force Survey. The estimates are published in *The Labour Force, Australia, Preliminary* (6202.0) and *The Labour Force, Australia* (6203.0).

The Survey of Employment and Earnings is a quarterly sample survey of approximately 15,000 private and 2,500 public employer units, selected from the ABS register of businesses and conducted by mail. This publication contains estimates from the Survey of Employment and Earnings.

There are conceptual and methodological reasons for differences in the estimates produced by the two surveys. These are discussed in paragraphs 20-23 of the Explanatory Notes and in an *Information Paper: Comparison of Employment Estimates from the Labour Force Survey and the Survey of Employment and Earnings* (6263.0). The two series should be seen as complementary and movements in them have generally been broadly consistent. In recent time periods the two surveys have shown some divergence in the estimates produced.

The ABS considers that the Labour Force series provides the better indicator of overall employment movements at the Australian and State level. The aggregate employment estimates in the quarterly National Accounts are based on that source.

The Survey of Employment and Earnings provides detailed estimates of employment at the State and industry level, with a dissection between public and private sector employment.

Private and public sectors

(The following analysis is based on seasonally adjusted statistical series.)

Diagram 1 below shows the number of wage and salary earners (employees) in both original and seasonally adjusted terms. Since September 1991, the number of private sector employees decreased by 35,700 (0.9%) to 4,136,600. In the twelve months to December 1991, the number of private sector employees decreased by 214,700 (4.9%). In the last five years it can be seen that growth (and more recent decline) was concentrated in the private sector. In December 1986 the estimated number of employees in the private sector was 3,910,600. This estimate grew to 4,552,100 in December 1989, representing an average annual increase of 5.2 per cent over the three-year period. Since December 1989, there has been a steady decline, with an average annual rate of decrease of 4.7 per cent over the two year period.

Diagram 1 also shows a markedly different pattern for employment in the public sector. Since September 1991, the estimated number of public sector employees decreased by 8,400 (0.5%) to 1,704,800 in December 1991. A decrease of 28,300 (1.6%) occurred in the year to December 1991. In the five years to December 1991, the number of public sector employees decreased by 28,200 (1.6%), representing an average annual decrease over this period of 0.3 per cent. It should be noted that for the month of August 1991, the public sector includes 42,200 temporary employees engaged for work on the Census of Population and Housing.

The proportion of wage and salary earners employed in the private sector increased, from 69.3 per cent in December 1986, to 72.6 per cent in December 1989 and subsequently decreased to 70.8 per cent in December 1991.

DIAGRAM 1. EMPLOYED WAGE AND SALARY EARNERS, SECTORS
AUSTRALIA

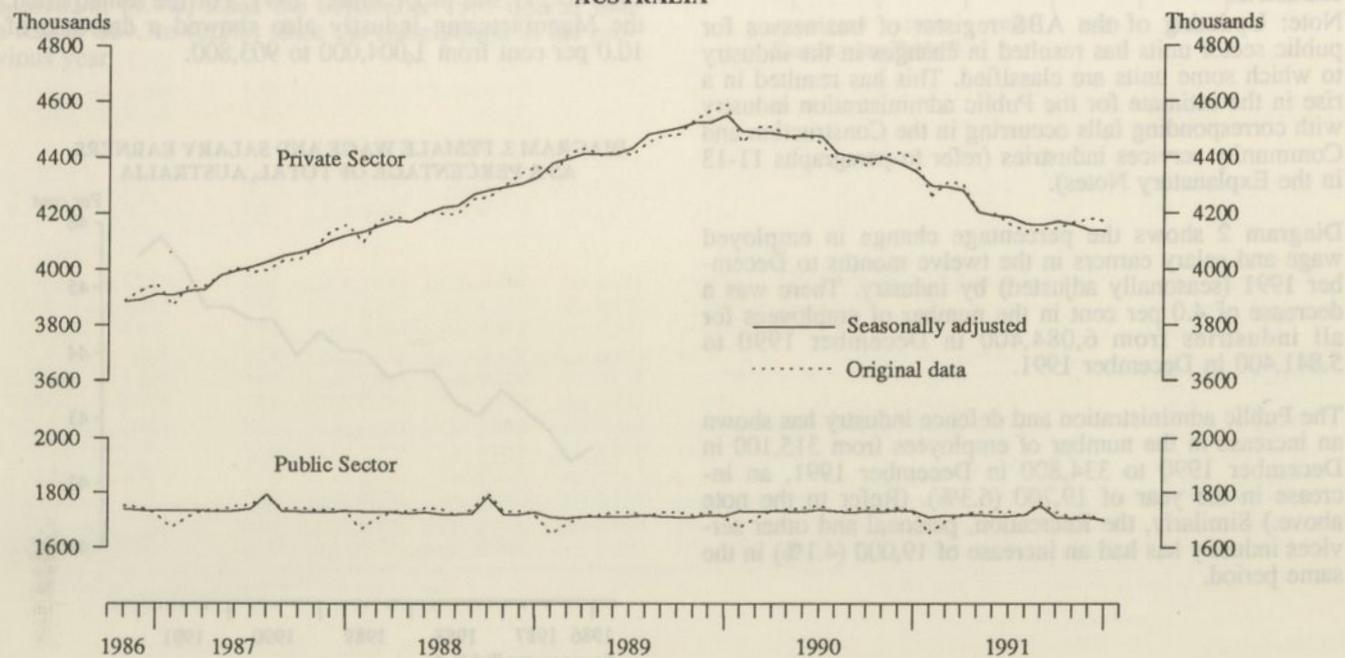
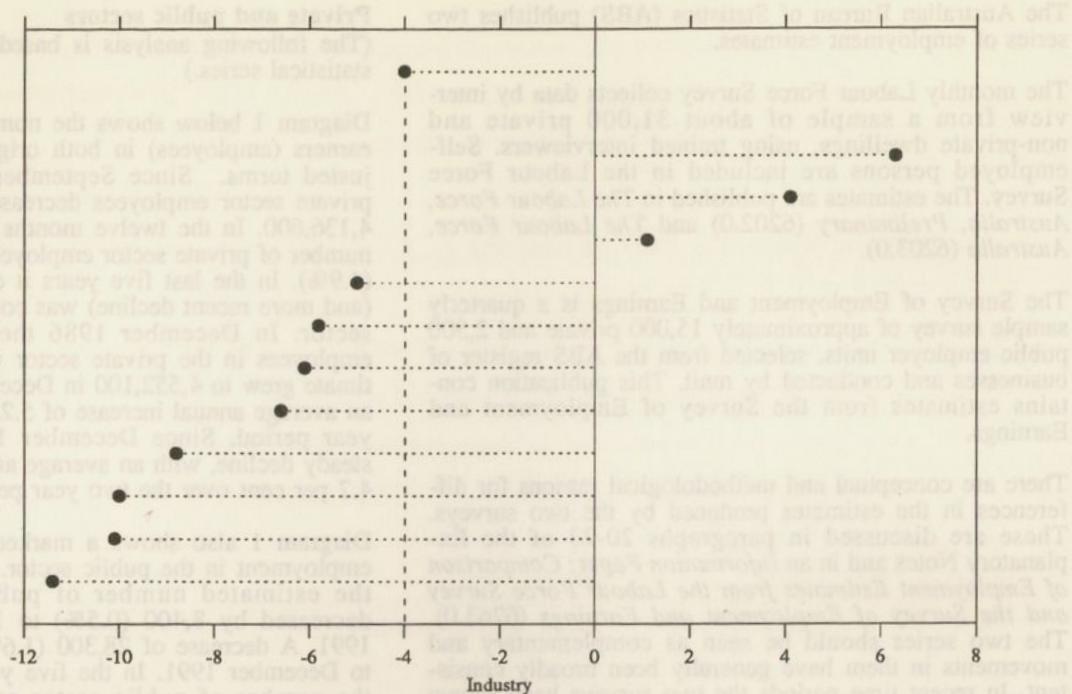


DIAGRAM 2: EMPLOYED WAGE AND SALARY EARNERS,
SEASONALLY ADJUSTED: AUSTRALIA, INDUSTRIES,
PERCENTAGE CHANGE IN EMPLOYMENT
DECEMBER 1990 - DECEMBER 1991



Source: Table 11

Diagram 1 also shows the effects of a number of occurrences that have caused public sector employee estimates to either increase or decrease. In summary, these occurrences were: the cessation and later re-employment of temporary staff of the Community services industry at the end of the school year (December and January each year) and the employment of temporary staff to conduct the July 1987 Federal Election, the September 1988 Referendum and the recent 1991 Census of Population and Housing (August 1991). Further details of these occurrences were provided in previous editions of this publication.

Industries

Note: Updating of the ABS register of businesses for public sector units has resulted in changes in the industry to which some units are classified. This has resulted in a rise in the estimate for the Public administration industry with corresponding falls occurring in the Construction and Community services industries (refer to paragraphs 11-13 in the Explanatory Notes).

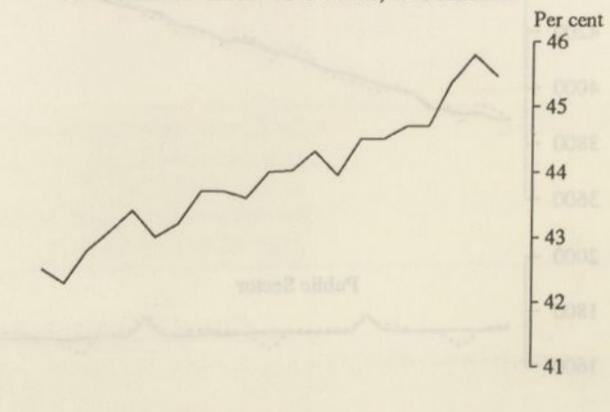
Diagram 2 shows the percentage change in employed wage and salary earners in the twelve months to December 1991 (seasonally adjusted) by industry. There was a decrease of 4.0 per cent in the number of employees for all industries from 6,084,400 in December 1990 to 5,841,400 in December 1991.

The Public administration and defence industry has shown an increase in the number of employees from 315,100 in December 1990 to 334,800 in December 1991, an increase in the year of 19,700 (6.3%). (Refer to the note above.) Similarly, the Recreation, personal and other services industry has had an increase of 19,000 (4.1%) in the same period.

Of the industries that had a decrease in the number of employees in the year to December 1991, there were statistically significant falls in the Electricity, gas and water and Communication industries. There were also large falls in the Mining, Transport and storage and Manufacturing industries.

In the year from December 1990, the Mining industry reported a decrease of 11.4 per cent in the number of employees from 85,000 to 75,300. The estimated number of employees in the Transport and storage industry decreased by 10.1 per cent from 308,100 in December 1990 to 277,100 in December 1991. For the same period, the Manufacturing industry also showed a decrease of 10.0 per cent from 1,004,000 to 903,800.

DIAGRAM 3. FEMALE WAGE AND SALARY EARNERS
AS A PERCENTAGE OF TOTAL, AUSTRALIA



Source: see Table 4.

Male and female wage and salary earners

Estimates of male and female wage and salary earners relate to the middle month of each quarter and are presented only in original terms. For the year to November 1991, the number of female employees decreased by 2.7 per cent while the number of male employees decreased by 5.6 per cent.

Diagram 3 shows the number of female wage and salary earners as a proportion of total wage and salary earners. This proportion grew steadily from 42.5 per cent in November 1986 to 45.5 per cent in November 1991. (The seasonal fall, between November and February each year, was principally due to the decrease in the number of part-time female employees in the education component of the Community services industry.)

Full-time and part-time wage and salary earners

Estimates of full-time and part-time wage and salary earners also relate to the middle month of each quarter and are presented only in original terms. In November 1991 there were an estimated 4,327,400 full-time and 1,574,300 part-time employees in Australia - a decrease of 14,100 full-time and an increase of 500 part-time employees since August 1991. In the twelve months to November 1991 the number of part-time employees increased by 15,300 (1.0%), compared with a decrease in the number of full-time employees of 280,700 (6.1%).

Diagram 4 shows the changes in the number of full-time and part-time employees over the last five years. The growth of part-time employees was 23.5 per cent which is an annual growth of 4.3 per cent. In contrast, the number of full-time employees grew from 4,396,100 in November 1986 to 4,745,600 in November 1989 (8.0%) or 2.6 per cent per year on average, and then declined to 4,327,400 in November 1991, an average decline of 4.5 per cent per year over the two years to November 1991. Over the last five years there has been a net decrease of 68,700 full-time employees.

Earnings

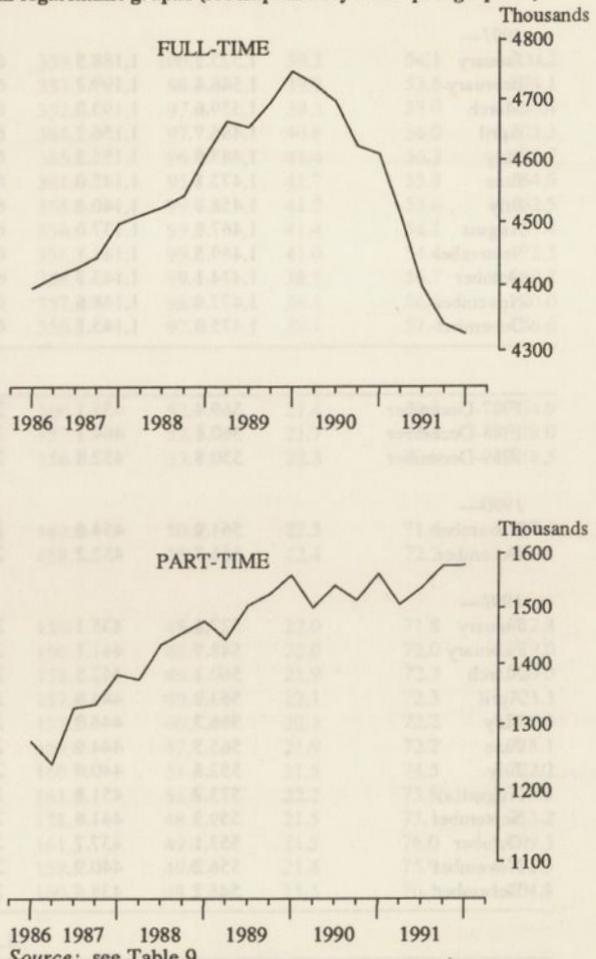
Total earnings for employed wage and salary earners in the December quarter 1991 in original terms was estimated as \$40,870.3m. This was an increase of \$1,816.9m (4.7%) since the September 1991 quarter and a rise of \$64.7m (0.2%) since the same period in the previous year.

Employer unit size

Private sector employers with less than 20 employees accounted for 35 per cent of all employees and 28 per cent of gross earnings in December quarter 1991. By contrast, employers with 100 or more employees represented 43 per cent of all employees and 49 per cent of gross earnings.

DIAGRAM 4. EMPLOYED WAGE AND SALARY EARNERS, PERSONS, AUSTRALIA

Semi-logarithmic graphs (see Explanatory Notes paragraph 27)



Source: see Table 9.

TABLE 1. EMPLOYED WAGE AND SALARY EARNERS, STATES AND TERRITORIES, PERSONS
('000)

Month	NSW	Vic.	Qld	SA	WA	Tas.	NT	ACT	Aust.
PRIVATE									
1987-December	1,496.4	1,196.1	581.9	332.6	370.1	99.4	30.0	54.5	4,161.0
1988-December	1,566.2	1,265.8	640.5	340.1	365.7	101.4	34.0	55.4	4,369.2
1989-December	1,638.7	1,282.9	715.2	372.1	382.6	105.0	39.2	56.3	4,591.9
<i>1990—</i>									
November	1,582.8	1,252.4	659.7	370.4	358.9	97.3	40.9	56.8	4,419.1
December	1,572.7	1,243.8	651.6	367.5	360.4	97.2	39.6	55.9	4,388.7
<i>1991—</i>									
January	1,523.7	1,188.5	626.6	378.4	355.3	99.8	37.1	52.3	4,261.7
February	1,546.4	1,199.7	635.6	384.4	355.7	99.6	38.4	53.8	4,313.5
March	1,539.6	1,193.2	638.1	384.3	355.5	99.2	37.9	53.9	4,301.6
April	1,486.7	1,156.2	630.2	367.9	363.4	97.8	40.7	55.9	4,198.8
May	1,483.9	1,155.5	632.2	367.4	365.4	96.5	42.2	55.8	4,198.9
June	1,473.1	1,145.0	628.0	361.3	359.9	94.9	42.9	54.6	4,159.8
July	1,458.7	1,140.4	626.0	363.7	351.2	99.0	41.9	53.8	4,134.6
August	1,467.8	1,137.6	630.3	361.2	353.8	98.9	42.8	54.6	4,146.9
September	1,469.5	1,141.5	631.5	360.8	352.5	98.5	42.4	54.2	4,151.0
October	1,474.1	1,143.7	641.7	355.1	360.3	98.4	39.2	57.6	4,170.1
November	1,477.4	1,148.6	641.6	355.3	360.5	98.2	39.1	57.9	4,178.7
December	1,475.0	1,145.1	638.7	352.8	364.9	98.8	38.1	58.5	4,171.9
PUBLIC									
1987-December	569.4	453.1	251.3	152.3	159.0	53.7	21.4	70.4	1,730.5
1988-December	560.8	464.1	246.0	152.1	155.9	53.0	21.7	70.8	1,724.3
1989-December	550.8	452.8	257.0	150.5	157.4	54.7	22.3	69.8	1,715.2
<i>1990—</i>									
November	561.9	454.6	267.7	154.7	164.2	51.2	22.4	71.5	1,748.1
December	556.7	452.2	264.0	154.1	157.4	51.2	22.4	71.9	1,729.9
<i>1991—</i>									
January	527.8	435.1	254.7	145.4	152.3	46.6	21.8	70.6	1,654.3
February	548.7	441.1	262.3	149.1	157.4	46.8	21.6	71.6	1,698.5
March	560.1	442.5	266.9	151.0	159.1	49.1	22.0	72.6	1,723.2
April	563.9	444.0	267.4	151.7	159.1	49.4	22.1	72.6	1,730.3
May	566.3	444.0	266.0	151.2	158.6	50.2	22.1	72.9	1,731.4
June	565.5	444.9	266.4	152.4	162.3	48.1	22.2	73.3	1,735.1
July	552.8	440.0	269.5	149.3	158.9	51.3	21.5	74.4	1,717.8
August(a)	573.7	451.8	278.1	151.9	162.8	52.5	22.1	75.6	1,768.3
September	559.3	441.6	271.3	148.8	160.4	49.3	21.6	75.0	1,727.4
October	553.1	437.7	269.7	147.7	161.5	49.5	21.5	75.9	1,716.6
November	556.2	440.9	271.0	146.9	161.1	49.7	21.5	75.8	1,723.1
December	546.2	438.4	265.5	145.9	159.5	49.2	21.3	75.8	1,701.7
PRIVATE AND PUBLIC									
1987-December	2,065.8	1,649.2	833.2	484.9	529.1	153.1	51.4	125.0	5,891.6
1988-December	2,127.0	1,729.9	886.5	492.3	521.6	154.3	55.7	126.2	6,093.5
1989-December	2,189.5	1,735.7	972.2	522.6	540.0	159.7	61.5	126.0	6,307.2
<i>1990—</i>									
November	2,144.7	1,707.0	927.4	525.0	523.1	148.5	63.3	128.3	6,167.2
December	2,129.4	1,696.0	915.6	521.6	517.9	148.4	62.0	127.9	6,118.6
<i>1991—</i>									
January	2,051.5	1,623.6	881.2	523.8	507.6	146.4	58.9	122.9	5,916.0
February	2,095.1	1,640.8	897.8	533.5	513.1	146.4	59.9	125.4	6,012.1
March	2,099.6	1,635.7	905.1	535.2	514.5	148.3	59.8	126.5	6,024.8
April	2,050.6	1,600.2	897.7	519.6	522.5	147.3	62.8	128.5	5,929.2
May	2,050.2	1,599.6	898.2	518.6	524.0	146.7	64.3	128.7	5,930.3
June	2,038.6	1,589.9	894.5	513.7	522.1	143.0	65.1	127.9	5,894.9
July	2,011.5	1,580.4	895.5	512.9	510.1	150.3	63.4	128.2	5,852.4
August(a)	2,041.5	1,589.4	908.4	513.1	516.6	151.4	64.8	130.1	5,915.3
September	2,028.9	1,583.1	902.9	509.6	512.9	147.7	64.0	129.2	5,878.4
October	2,027.1	1,581.4	911.5	502.9	521.7	147.8	60.7	133.6	5,886.7
November	2,033.6	1,589.6	912.6	502.2	521.6	147.9	60.6	133.7	5,901.8
December	2,021.2	1,583.5	904.2	498.7	524.4	147.9	59.4	134.3	5,873.6

(a) Includes temporary Population Census employees.

TABLE 2. EMPLOYED WAGE AND SALARY EARNERS, SEASONALLY ADJUSTED, STATES AND TERRITORIES, PERSONS ('000)

Month	NSW	Vic.	Qld	SA	WA	Tas.	NT	ACT	Aust.
PRIVATE									
1987-December	1,479.1	1,182.2	581.0	333.4	364.8	97.7	30.8	53.6	4,122.7
1988-December	1,549.2	1,251.4	639.0	341.2	360.1	99.6	34.9	54.4	4,329.8
1989-December	1,621.6	1,268.9	713.1	373.4	376.4	103.2	40.2	55.2	4,552.1
<i>1990—</i>									
November	1,568.7	1,241.6	649.2	370.0	355.6	97.1	40.9	55.5	4,378.5
December	1,556.6	1,230.5	649.7	368.9	354.5	95.5	40.6	54.9	4,351.3
<i>1991—</i>									
January	1,530.0	1,203.4	634.3	379.3	359.7	100.2	39.2	54.1	4,300.2
February	1,535.3	1,196.4	636.3	380.6	353.5	98.5	39.9	53.6	4,294.1
March	1,533.4	1,185.4	637.6	380.9	352.0	97.9	39.3	53.9	4,280.4
April	1,485.6	1,161.0	633.3	366.6	364.2	97.7	40.8	56.0	4,205.3
May	1,480.9	1,157.1	630.0	365.1	365.5	96.4	41.4	56.3	4,192.7
June	1,481.8	1,156.4	630.7	361.6	361.0	95.8	41.7	55.9	4,184.9
July	1,472.8	1,143.1	631.6	365.5	355.0	99.6	41.2	53.6	4,162.5
August	1,479.6	1,135.3	630.3	362.7	356.5	99.5	41.4	54.1	4,159.4
September	1,481.6	1,143.2	633.0	363.2	356.3	99.5	41.0	54.4	4,172.3
October	1,470.6	1,143.0	635.4	357.5	358.6	99.4	38.1	56.7	4,159.2
November	1,464.3	1,138.6	631.2	355.0	357.2	98.0	39.1	56.6	4,140.0
December	1,460.1	1,133.1	636.9	354.2	358.8	97.1	39.1	57.4	4,136.6
PUBLIC									
1987-December	571.2	454.1	253.5	151.5	160.1	52.9	21.4	70.8	1,734.9
1988-December	562.5	464.6	248.3	151.4	157.1	52.1	21.7	71.2	1,728.0
1989-December	552.3	453.0	259.5	149.7	158.7	53.7	22.3	70.0	1,718.5
<i>1990—</i>									
November	557.3	452.8	266.9	153.4	162.6	50.5	22.3	71.6	1,737.1
December	558.1	452.4	266.6	153.2	158.7	50.3	22.4	72.2	1,733.1
<i>1991—</i>									
January	548.5	447.1	263.5	152.7	159.1	48.5	22.0	71.8	1,712.8
February	554.7	446.5	264.0	150.8	160.1	48.9	22.0	72.0	1,719.0
March	558.5	442.7	265.8	150.5	158.1	49.4	21.9	72.3	1,720.0
April	561.1	444.1	265.3	151.2	157.4	49.4	22.1	72.3	1,723.3
May	559.8	441.6	262.7	150.8	157.2	49.5	22.1	72.2	1,716.3
June	558.5	442.9	263.3	151.2	159.0	47.7	21.9	72.2	1,718.1
July	558.0	438.2	268.9	148.9	160.7	51.3	21.5	74.5	1,722.2
August(a)	570.6	447.6	277.1	150.7	161.6	51.6	22.2	75.8	1,756.3
September	553.5	438.0	271.2	147.3	158.1	48.9	21.5	75.1	1,713.2
October	550.4	435.9	268.5	146.6	161.5	49.0	21.5	76.0	1,709.3
November	551.8	439.3	270.1	145.7	159.5	49.0	21.4	75.9	1,712.3
December	547.5	438.6	268.1	145.1	160.7	48.3	21.3	76.1	1,704.8
PRIVATE AND PUBLIC									
1987-December	2,050.4	1,636.3	834.5	484.9	524.9	150.6	52.2	124.4	5,857.6
1988-December	2,111.7	1,716.0	887.2	492.6	517.2	151.7	56.6	125.6	6,057.8
1989-December	2,173.9	1,721.9	972.6	523.2	535.2	156.9	62.5	125.2	6,270.6
<i>1990—</i>									
November	2,126.0	1,694.4	916.1	523.4	518.2	147.6	63.2	127.0	6,115.6
December	2,114.7	1,682.9	916.3	522.2	513.2	145.8	63.0	127.1	6,084.4
<i>1991—</i>									
January	2,078.5	1,650.5	897.8	532.0	518.9	148.6	61.2	125.9	6,012.9
February	2,089.9	1,642.8	900.3	531.4	513.6	147.5	61.9	125.6	6,013.1
March	2,091.9	1,628.1	903.4	531.4	510.1	147.3	61.2	126.2	6,000.4
April	2,046.6	1,605.2	898.6	517.8	521.6	147.1	62.9	128.3	5,928.6
May	2,040.7	1,598.7	892.7	516.0	522.6	145.9	63.5	128.5	5,909.0
June	2,040.3	1,599.3	894.0	512.9	520.0	143.5	63.6	128.1	5,903.0
July	2,030.8	1,581.3	900.5	514.4	515.7	150.9	62.7	128.2	5,884.7
August(a)	2,050.3	1,582.9	907.4	513.3	518.1	151.1	63.6	129.9	5,915.6
September	2,035.1	1,581.2	904.2	510.5	514.4	148.4	62.5	129.5	5,885.5
October	2,021.0	1,578.9	903.9	504.1	520.1	148.4	59.6	132.8	5,868.6
November	2,016.1	1,577.9	901.4	500.7	516.7	147.0	60.4	132.5	5,852.3
December	2,007.5	1,571.6	905.0	499.3	519.6	145.4	60.3	133.5	5,841.4

(a) Includes temporary Population Census employees.

TABLE 3. GROSS EARNINGS, STATES AND TERRITORIES, SECTORS
(\$m)

Quarter	NSW	Vic.	Qld	SA	WA	Tas.	NT	ACT	Aust.
PRIVATE									
1987-88	31,149.5	23,957.9	10,549.8	6,080.3	7,309.7	1,751.3	624.8	957.5	82,380.7
1988-89	34,980.6	27,232.4	13,031.4	6,732.8	7,795.8	1,880.8	725.7	1,063.8	93,443.2
1989-90	39,244.1	30,297.9	14,929.9	7,608.8	8,588.2	2,181.5	870.0	1,156.9	104,877.2
1990-91	39,982.4	30,123.4	14,589.8	8,156.1	8,698.3	2,197.8	964.9	1,219.6	105,932.3
<i>1989—</i>									
June	9,052.0	7,044.0	3,539.8	1,817.5	2,048.1	491.1	193.5	279.5	24,465.5
September	9,343.5	7,369.7	3,620.3	1,833.7	2,027.6	510.3	212.3	284.3	25,201.7
December	10,087.9	7,822.5	3,920.8	1,958.9	2,274.5	549.8	228.2	300.6	27,143.3
<i>1990—</i>									
March	9,574.3	7,173.5	3,563.6	1,847.2	2,122.0	555.6	208.3	278.3	25,322.7
June	10,238.3	7,932.2	3,825.1	1,969.0	2,164.1	565.8	221.2	293.7	27,209.5
September	10,099.4	7,860.3	3,655.6	1,942.9	2,118.5	527.8	241.1	304.1	26,749.7
December	10,496.8	8,114.9	3,825.0	2,085.1	2,229.5	568.6	249.1	320.0	27,889.0
<i>1991—</i>									
March	9,661.4	7,150.6	3,504.9	2,054.0	2,115.4	551.1	223.3	290.4	25,551.2
June	9,724.9	6,997.5	3,604.3	2,074.1	2,235.0	550.3	251.4	305.0	25,742.4
September	9,832.2	6,985.1	3,667.3	2,036.3	2,193.5	568.8	262.6	306.3	25,852.2
December	10,109.1	7,465.9	3,877.9	2,084.9	2,330.2	592.0	234.4	347.5	27,041.9
PUBLIC									
1987-88	14,142.2	11,296.9	5,839.2	3,629.2	3,748.7	1,233.4	597.5	1,989.7	42,476.9
1988-89	15,064.6	11,900.7	6,429.6	3,845.7	4,031.6	1,309.7	629.9	2,152.6	45,364.5
1989-90	15,718.0	12,677.6	6,767.5	4,113.3	4,363.4	1,387.5	666.4	2,191.3	47,885.0
1990-91	16,633.1	13,386.1	7,185.0	4,486.4	4,607.5	1,399.6	683.2	2,460.6	50,841.4
<i>1989—</i>									
June	3,722.1	3,047.3	1,662.0	977.1	986.1	322.6	154.6	514.8	11,386.6
September	3,907.1	3,059.7	1,648.7	1,004.7	1,098.3	350.0	176.7	565.7	11,811.0
December	3,841.8	3,240.8	1,708.6	1,012.9	1,073.5	357.1	163.4	515.4	11,913.6
<i>1990—</i>									
March	4,027.3	3,113.0	1,645.0	1,041.3	1,120.7	350.1	170.0	573.5	12,041.0
June	3,941.7	3,264.0	1,765.2	1,054.4	1,070.9	330.3	156.3	536.6	12,119.4
September	4,161.4	3,309.1	1,751.9	1,135.7	1,204.1	353.1	189.1	631.6	12,736.0
December	4,187.2	3,448.7	1,881.8	1,128.6	1,138.9	374.7	166.5	590.4	12,916.7
<i>1991—</i>									
March	4,214.3	3,244.6	1,734.7	1,103.7	1,172.7	339.6	166.7	649.4	12,625.8
June	4,070.2	3,383.6	1,816.6	1,118.4	1,091.8	332.3	160.8	589.2	12,563.0
September	4,322.3	3,349.7	1,886.7	1,140.4	1,240.5	384.1	173.6	703.8	13,201.2
December	4,372.6	3,760.8	2,048.8	1,171.4	1,277.0	374.9	168.5	654.4	13,828.4
PRIVATE AND PUBLIC									
1987-88	45,291.7	35,254.8	16,389.0	9,709.4	11,058.4	2,984.7	1,222.3	2,947.2	124,857.6
1988-89	50,045.2	39,133.1	19,461.0	10,578.5	11,827.3	3,190.6	1,355.6	3,216.4	138,807.7
1989-90	54,962.1	42,975.5	21,697.4	11,722.1	12,951.7	3,569.0	1,536.4	3,348.1	152,762.2
1990-91	56,615.5	43,509.4	21,774.8	12,642.5	13,305.9	3,597.4	1,648.1	3,680.2	156,773.7
<i>1989—</i>									
June	12,774.1	10,091.3	5,201.8	2,794.6	3,034.1	813.7	348.1	794.3	35,852.0
September	13,250.6	10,429.4	5,268.9	2,838.4	3,125.9	860.4	389.0	850.0	37,012.7
December	13,929.8	11,063.3	5,629.5	2,971.8	3,348.1	906.8	391.6	816.1	39,056.9
<i>1990—</i>									
March	13,601.6	10,286.5	5,208.6	2,888.5	3,242.7	905.7	378.3	851.8	37,363.7
June	14,180.0	11,196.2	5,590.4	3,023.3	3,235.0	896.1	377.5	830.3	39,328.9
September	14,260.8	11,169.4	5,407.5	3,078.6	3,322.6	880.9	430.2	935.7	39,485.7
December	14,684.0	11,563.7	5,706.8	3,213.6	3,368.4	943.3	415.6	910.4	40,805.6
<i>1991—</i>									
March	13,875.7	10,395.3	5,239.6	3,157.8	3,288.1	890.7	390.0	939.9	38,177.0
June	13,795.1	10,381.1	5,420.9	3,192.5	3,326.8	882.6	412.3	894.2	38,305.4
September	14,154.5	10,334.9	5,554.0	3,176.7	3,434.0	953.0	436.2	1,010.1	39,053.4
December	14,481.6	11,226.7	5,926.7	3,256.3	3,607.2	966.9	402.9	1,001.9	40,870.3

TABLE 4. EMPLOYED WAGE AND SALARY EARNERS, STATES AND TERRITORIES

State, Territory/Sector	Number of employees ('000)					Gross earnings		
	December 1990	September 1991	October 1991	November 1991	December 1991	December Quarter 1991		
	Persons	Persons	Persons	Males	Females	Persons	\$m	
New South Wales	2,129.4	2,028.9	2,027.1	1,115.2	918.4	2,033.6	2,021.2	14,481.6
Private	1,572.7	1,469.5	1,474.1	809.0	668.5	1,477.4	1,475.0	10,109.1
Public	556.7	559.3	553.1	306.3	249.9	556.2	546.2	4,372.6
Commonwealth	137.3	130.2	133.6	81.2	52.0	133.2	133.1	1,107.0
State	358.6	368.1	359.6	178.9	184.0	363.0	353.7	2,798.8
Local	60.8	61.0	59.9	46.2	13.8	60.0	59.4	466.7
Victoria	1,696.0	1,583.1	1,581.4	858.7	730.8	1,589.6	1,583.5	11,226.7
Private	1,243.8	1,141.5	1,143.7	628.3	520.3	1,148.6	1,145.1	7,465.9
Public	452.2	441.6	437.7	230.4	210.5	440.9	438.4	3,760.8
Commonwealth	92.9	103.0	103.2	63.1	39.7	102.8	102.9	841.1
State	312.9	293.3	289.6	144.5	148.2	292.7	290.3	2,658.2
Local	46.4	45.3	44.9	22.8	22.6	45.4	45.3	261.5
Queensland	915.6	902.9	911.5	505.3	407.3	912.6	904.2	5,926.7
Private	651.6	631.5	641.7	349.8	291.8	641.6	638.7	3,877.9
Public	264.0	271.3	269.7	155.5	115.4	271.0	265.5	2,048.8
Commonwealth	49.3	48.6	49.1	29.5	19.3	48.8	48.7	352.8
State	185.9	192.5	190.2	101.2	90.3	191.5	186.4	1,490.5
Local	28.8	30.3	30.4	24.8	5.8	30.7	30.4	205.6
South Australia	521.6	509.6	502.9	269.7	232.5	502.2	498.7	3,256.3
Private	367.5	360.8	355.1	190.3	165.0	355.3	352.8	2,084.9
Public	154.1	148.8	147.7	79.4	67.5	146.9	145.9	1,171.4
Commonwealth	31.7	30.2	29.4	19.9	9.5	29.4	29.3	241.5
State	113.7	110.2	109.0	53.2	55.1	108.2	107.2	869.6
Local	8.7	8.4	9.3	6.4	2.9	9.3	9.4	60.3
Western Australia	517.9	512.9	521.7	284.8	236.8	521.6	524.4	3,607.2
Private	360.4	352.5	360.3	199.2	161.3	360.5	364.9	2,330.2
Public	157.4	160.4	161.5	85.6	75.5	161.1	159.5	1,277.0
Commonwealth	24.9	25.4	26.4	16.4	10.0	26.3	26.3	201.5
State	121.1	123.4	123.2	61.5	61.4	122.9	121.3	1,005.2
Local	11.4	11.6	11.8	7.7	4.2	11.9	11.9	70.3
Tasmania	148.4	147.7	147.8	82.3	65.6	147.9	147.9	966.9
Private	97.2	98.5	98.4	55.1	43.1	98.2	98.8	592.0
Public	51.2	49.3	49.5	27.2	22.5	49.7	49.2	374.9
Commonwealth	9.4	8.7	9.0	6.0	2.9	9.0	8.8	82.1
State	37.7	36.5	36.4	18.2	18.4	36.6	36.2	264.7
Local	4.0	4.1	4.1	3.0	1.1	4.1	4.1	28.0
Northern Territory	62.0	64.0	60.7	34.2	26.4	60.6	59.4	402.9
Private	39.6	42.4	39.2	23.4	15.7	39.1	38.1	234.4
Public	22.4	21.6	21.5	10.8	10.7	21.5	21.3	168.5
Commonwealth	4.4	4.2	4.2	2.5	1.7	4.2	4.1	34.7
State	16.9	16.2	16.1	7.5	8.5	16.1	15.9	125.5
Local	1.1	1.2	1.2	0.7	0.5	1.2	1.2	*8.3
Australian Capital Territory	127.9	129.2	133.6	68.0	65.7	133.7	134.3	1,001.9
Private	55.9	54.2	57.6	27.2	30.7	57.9	58.5	347.5
Public	71.9	75.0	75.9	40.8	35.0	75.8	75.8	654.4
Commonwealth	52.1	54.2	52.4	30.0	22.4	52.4	52.4	466.7
State	19.8	20.8	23.6	10.8	12.6	23.4	23.5	187.7
Australia	6,118.6	5,878.4	5,886.7	3,218.3	2,683.5	5,901.8	5,873.6	40,870.3
Private	4,388.7	4,151.0	4,170.1	2,282.2	1,896.5	4,178.7	4,171.9	27,041.9
Public	1,729.9	1,727.4	1,716.6	936.1	787.0	1,723.1	1,701.7	13,828.4
Commonwealth	402.1	404.4	407.3	248.6	157.5	406.1	405.5	3,327.4
State	1,166.5	1,161.0	1,147.7	575.9	578.5	1,154.4	1,134.6	9,400.2
Local	161.3	162.0	161.6	111.6	51.0	162.5	161.6	1,100.7

TABLE 5. EMPLOYED WAGE AND SALARY EARNERS, SEASONALLY ADJUSTED, STATES AND TERRITORIES, PERSONS

State, Territory/Sector	Number of employees ('000)				
	December 1990	September 1991	October 1991	November 1991	December 1991
New South Wales	2,114.7	2,035.1	2,021.0	2,016.1	2,007.5
Private	1,556.6	1,481.6	1,470.6	1,464.3	1,460.1
Public	558.1	553.5	550.4	551.8	547.5
Commonwealth	137.5	131.0	134.1	133.3	133.2
State	360.5	361.4	356.5	359.0	355.6
Local	60.1	61.1	59.8	59.5	58.7
Victoria	1,682.9	1,581.2	1,578.9	1,577.9	1,571.6
Private	1,230.5	1,143.2	1,143.0	1,138.6	1,133.1
Public	452.4	438.0	435.9	439.3	438.6
Commonwealth	93.3	103.5	103.8	103.3	103.3
State	313.3	289.4	287.3	290.9	290.6
Local	45.8	45.1	44.9	45.1	44.7
Queensland	916.3	904.2	903.9	901.4	905.0
Private	649.7	633.0	635.4	631.2	636.9
Public	266.6	271.2	268.5	270.1	268.1
Commonwealth	49.6	48.8	49.4	49.1	49.0
State	188.2	192.1	188.7	190.4	188.7
Local	28.9	30.4	30.4	30.6	30.4
South Australia	522.2	510.5	504.1	500.7	499.3
Private	368.9	363.2	357.5	355.0	354.2
Public	153.2	147.3	146.6	145.7	145.1
Commonwealth	31.7	30.2	29.5	29.4	29.3
State	112.8	108.6	107.7	107.0	106.4
Local	8.7	8.5	9.3	9.3	9.3
Western Australia	513.2	514.4	520.1	516.7	519.6
Private	354.5	356.3	358.6	357.2	358.8
Public	158.7	158.1	161.5	159.5	160.7
Commonwealth	24.8	25.5	26.5	26.3	26.1
State	122.6	120.9	123.3	121.4	122.7
Local	11.3	11.6	11.7	11.8	11.9
Tasmania	145.8	148.4	148.4	147.0	145.4
Private	95.5	99.5	99.4	98.0	97.1
Public	50.3	48.9	49.0	49.0	48.3
State	36.9	36.1	35.9	36.0	35.4
Northern Territory	63.0	62.5	59.6	60.4	60.3
Private	40.6	41.0	38.1	39.1	39.1
Public	22.4	21.5	21.5	21.4	21.3
Australian Capital Territory	127.1	129.5	132.8	132.5	133.5
Private	54.9	54.4	56.7	56.6	57.4
Public	72.2	75.1	76.0	75.9	76.1
Australia	6,084.4	5,885.5	5,868.6	5,852.3	5,841.4
Private	4,351.3	4,172.3	4,159.2	4,140.0	4,136.6
Public	1,733.1	1,713.2	1,709.3	1,712.3	1,704.8
Commonwealth	402.7	405.6	408.9	406.8	406.1
State	1,170.9	1,145.6	1,139.1	1,144.2	1,138.9
Local	159.5	162.0	161.3	161.3	159.8

TABLE 6. EMPLOYED WAGE AND SALARY EARNERS, STATES AND TERRITORIES, PUBLIC INSTITUTIONAL SECTOR

State, Territory/Sector	Public Trading Enterprises		Financial Enterprises		General Government Enterprises		Total Public	
	November 1991	December Quarter 1991	November 1991	December Quarter 1991	November 1991	December Quarter 1991	November 1991	December Quarter 1991
	Persons ('000)	Gross Earnings (\$m)	Persons ('000)	Gross Earnings (\$m)	Persons ('000)	Gross Earnings (\$m)	Persons ('000)	Gross Earnings (\$m)
New South Wales								
Total Public	134.3	1,177.8	32.0	248.8	390.1	2,946.0	556.2	4,372.6
Commonwealth	64.9	565.8	20.9	160.9	47.5	380.3	133.2	1,107.0
State	55.5	485.9	11.1	88.0	296.4	2,225.0	363.0	2,798.8
Local	13.8	126.2	—	—	46.2	340.6	60.0	466.7
Victoria								
Total Public	104.6	974.9	19.9	158.5	316.4	2,627.4	440.9	3,760.8
Commonwealth	46.8	386.2	18.8	148.6	37.3	306.3	102.8	841.1
State	56.4	576.6	1.1	9.9	235.2	2,071.7	292.7	2,658.2
Local	1.4	12.1	—	—	44.0	249.4	45.4	261.5
Queensland								
Total Public	40.9	297.2	9.1	66.9	221.0	1,684.7	271.0	2,048.8
Commonwealth	21.4	142.7	7.0	47.9	20.4	162.2	48.8	352.8
State	13.9	114.0	2.1	19.0	175.5	1,357.5	191.5	1,490.5
Local	5.6	40.6	—	—	25.1	165.0	30.7	205.6
South Australia								
Total Public	27.7	233.3	7.9	58.2	111.1	879.6	146.9	1,171.4
Commonwealth	14.2	123.1	2.8	18.9	12.4	99.5	29.4	241.5
State	13.4	109.7	5.2	39.3	89.5	720.3	108.2	869.6
Local	0.1	0.5	—	—	9.2	59.8	9.3	60.3
Western Australia								
Total Public	31.2	273.5	8.0	56.2	121.9	947.3	161.1	1,277.0
Commonwealth	10.5	78.1	3.4	23.1	12.4	100.4	26.3	201.5
State	20.7	195.4	4.6	33.2	97.6	776.6	122.9	1,005.2
Local	—	—	—	—	11.9	70.3	11.9	70.3
Tasmania								
Total Public	7.7	77.2	0.9	6.0	41.1	291.7	49.7	374.9
Commonwealth	3.1	34.1	0.9	5.8	5.0	42.2	9.0	82.1
State	4.3	40.3	—	0.2	32.3	224.2	36.6	264.7
Local	0.3	2.8	—	—	3.8	25.2	4.1	28.0
Northern Territory								
Total Public	1.3	9.5	0.3	2.1	19.9	157.0	21.5	168.5
Commonwealth	1.2	9.4	0.3	1.8	2.7	23.5	4.2	34.7
State	—	0.1	—	0.3	16.0	125.2	16.1	125.5
Local	—	—	—	—	1.2	8.3	1.2	*8.3
Australian Capital Territory								
Total Public	4.6	36.0	1.4	12.0	69.9	606.4	75.8	654.4
Commonwealth	3.2	24.5	1.2	10.8	48.0	431.4	52.4	466.7
State	1.4	11.5	0.2	1.2	21.8	175.0	23.4	187.7
Australia								
Total Public	352.3	3,079.5	79.4	608.8	1,291.3	10,140.1	1,723.1	13,828.4
Commonwealth	165.4	1,363.9	55.2	417.8	185.7	1,545.7	406.1	3,327.4
State	165.7	1,533.5	24.2	191.0	964.5	7,675.7	1,154.4	9,400.2
Local	21.2	182.1	—	—	141.3	918.7	162.5	1,100.7

TABLE 7. EMPLOYED WAGE AND SALARY EARNERS, AUSTRALIA,
PUBLIC INSTITUTIONAL SECTOR, NOVEMBER 1991
PERSONS ('000)

Industry	Public Trading Enterprises	Financial Enterprises	General Government Enterprises	Total Public
Agriculture, forestry, fishing and hunting	0.4	—	7.0	7.4
Mining	5.0	—	—	5.0
Manufacturing	20.3	0.3	6.1	26.6
Electricity, gas and water	89.8	—	15.0	104.7
Construction	5.0	—	35.8	40.9
Wholesale and retail trade	2.1	0.1	1.2	3.3
Transport and storage	90.9	—	35.7	126.6
Communication	120.9	—	0.1	121.1
Finance, property and business services	5.5	78.3	21.8	105.6
Public administration and defence(a)	1.1	0.8	331.1	332.9
Community services	2.1	—	823.3	825.4
Recreation, personal and other services	9.3	—	14.4	23.6
Total all industries	352.3	79.4	1,291.3	1,723.1

(a) Excludes members of permanent defence forces and employees of overseas embassies, consulates etc.

TABLE 8. EMPLOYED WAGE AND SALARY EARNERS, AUSTRALIA,
PUBLIC INSTITUTIONAL SECTOR, DECEMBER QUARTER 1991
GROSS EARNINGS (\$m)

Industry	Public Trading Enterprises	Financial Enterprises	General Government Enterprises	Total Public
Agriculture, forestry, fishing and hunting	2.6	—	53.5	56.1
Mining	68.2	—	—	68.2
Manufacturing	159.6	2.9	51.1	213.6
Electricity, gas and water	885.6	—	123.6	1,009.1
Construction	50.7	—	337.0	387.7
Wholesale and retail trade	19.0	0.4	8.7	28.2
Transport and storage	865.7	—	333.2	1,198.7
Communication	900.1	—	0.8	900.8
Finance, property and business services	57.3	598.4	166.6	822.3
Public administration and defence(a)	8.6	7.1	2,530.8	2,546.5
Community services	15.9	—	6,411.0	6,426.9
Recreation, personal and other services	46.2	—	124.0	170.2
Total all industries	3,079.5	608.8	10,140.1	13,828.4

(a) Excludes members of permanent defence forces and employees of overseas embassies, consulates etc.

TABLE 9. EMPLOYED WAGE AND SALARY EARNERS — FULL-TIME AND PART-TIME(a) — NOVEMBER 1991

	Number of employees ('000)					
	Full-time			Part-time		
	Males	Females	Persons	Males	Females	Persons
AUSTRALIA BY INDUSTRY						
Mining	67.9	6.0	73.9	0.9	0.9	1.8
Manufacturing	631.0	196.5	827.4	30.6	56.1	86.7
Electricity, gas and water	93.0	11.4	104.3	1.1	*2.6	*3.7
Construction	206.6	31.5	238.1	14.0	15.2	29.2
Wholesale trade	233.8	88.9	322.7	19.8	39.2	59.0
Retail trade	268.5	172.2	440.7	110.8	274.6	385.4
Transport and storage	202.5	48.4	250.9	20.8	12.4	33.2
Communication	87.3	27.9	115.2	1.5	5.3	6.8
Finance, property and business services	288.7	270.7	559.5	47.9	126.5	174.4
Public administration and defence(b)	188.5	98.4	286.9	10.3	35.7	46.0
Community services	391.8	501.3	893.1	82.5	386.6	469.1
Recreation, personal and other services(c)	115.1	92.6	207.6	97.4	181.1	278.6
Total all industries(d)	2,780.6	1,546.9	4,327.4	437.7	1,136.6	1,574.3
Private	1,908.8	999.1	2,907.9	373.4	897.4	1,270.8
Public	871.8	547.8	1,419.6	64.3	239.2	303.5
STATES AND TERRITORIES						
New South Wales	956.7	547.5	1,504.2	158.5	370.9	529.4
Victoria	743.1	423.7	1,166.8	115.7	307.1	422.8
Queensland	438.3	238.8	677.1	67.1	168.4	235.5
South Australia	231.1	114.1	345.2	38.6	118.4	157.0
Western Australia	250.2	128.8	379.1	34.6	108.0	142.6
Tasmania	73.5	33.8	107.3	8.8	31.8	40.6
Northern Territory	28.2	18.3	46.5	*5.9	8.1	14.1
Australian Capital Territory	59.5	41.9	101.3	8.5	23.9	32.4

(a) See Explanatory Notes, paragraph 21. (b) Excludes members of permanent defence forces and employees of overseas embassies, consulates etc. (c) Excludes private households employing staff. (d) Includes employees of government agencies classified to Agriculture, forestry, fishing and hunting.

TABLE 10. EMPLOYED WAGE AND SALARY EARNERS, AUSTRALIA — SECTOR AND INDUSTRY

Industry	Number of employees ('000)						Gross earnings		
	December 1990		September 1991		October 1991		November 1991		December 1991
	Persons	Persons	Persons	Persons	Males	Females	Persons	Persons	
PRIVATE									
Mining	79.6	72.4	70.9	64.0	6.8	70.8	71.0	906.8	
Manufacturing	976.0	878.9	889.1	639.4	248.1	887.5	880.6	7,058.3	
Electricity, gas and water	1.7	3.2	3.3	2.5	0.7	3.3	3.3	30.0	
Construction	243.4	229.0	228.4	187.3	39.2	226.4	221.4	1,730.9	
Wholesale and retail trade	1,277.5	1,200.4	1,199.7	631.0	573.5	1,204.5	1,213.8	6,427.3	
Transport and storage	181.0	151.8	157.2	113.8	43.7	157.5	155.8	1,249.2	
Road transport	93.8	78.6	83.2	66.3	18.3	84.6	83.2	539.5	
Other transport and storage	87.2	73.2	74.0	47.5	25.5	72.9	72.6	709.7	
Finance, property and business services	669.8	635.8	628.9	292.0	336.3	628.3	627.8	4,644.8	
Banking	104.4	95.2	94.6	38.6	55.1	93.7	93.4	786.3	
Non-bank finance and investment	86.4	74.2	71.2	30.2	40.5	70.7	70.5	641.3	
Insurance and services to insurance	66.1	69.7	73.1	32.4	40.2	72.6	71.9	575.8	
Property and business services	412.9	396.7	390.0	190.8	200.5	391.3	392.0	2,641.4	
Community services	512.0	532.8	533.4	150.7	386.1	536.8	530.5	3,124.8	
Health	238.0	246.3	244.8	43.7	200.2	243.9	244.4	1,407.2	
Education, museum and library services	115.1	125.1	121.8	36.6	88.1	124.7	121.0	811.2	
Welfare and religious institutions	90.3	91.8	93.2	31.1	63.1	94.3	93.9	410.3	
Other community services	68.7	69.5	73.7	39.3	34.6	73.9	71.3	496.1	
Recreation, personal and other services(a)	446.7	445.2	458.1	200.9	261.7	462.6	467.0	1,864.7	
Entertainment and recreational services	94.2	94.5	98.0	49.0	50.6	99.6	100.7	457.2	
Restaurants, hotels; personal services	352.5	350.7	360.1	151.9	211.1	363.0	366.3	1,407.5	
Total all industries(b)	4,388.7	4,151.0	4,170.1	2,282.2	1,896.5	4,178.7	4,171.9	27,041.9	
COMMONWEALTH GOVERNMENT									
Manufacturing	18.7	14.7	17.8	14.4	3.3	17.7	17.5	144.0	
Electricity, gas and water	0.8	0.8	0.8	0.6	0.1	0.8	0.8	6.0	
Construction	4.2	4.3	6.9	6.0	0.7	6.7	6.7	57.5	
Wholesale and retail trade	1.3	1.0	1.2	0.7	0.5	1.2	1.2	12.7	
Transport and storage	36.2	33.3	37.5	27.7	9.6	37.2	36.8	425.5	
Communication	127.9	120.2	121.4	88.2	32.7	120.9	120.3	900.1	
Finance, property and business services	50.2	61.9	59.8	24.8	34.7	59.5	59.6	466.0	
Public administration and defence(c)	108.5	110.1	104.5	55.2	49.5	104.7	105.2	826.4	
Community services	44.7	48.5	48.6	26.1	22.7	48.8	49.2	401.4	
Recreation, personal and other services(a)	9.5	9.6	8.7	4.8	3.6	8.4	8.2	87.4	
Total all industries(d)	402.1	404.4	407.3	248.6	157.5	406.1	405.5	3,327.4	

See footnotes at end of table.

TABLE 10. EMPLOYED WAGE AND SALARY EARNERS, AUSTRALIA — SECTOR AND INDUSTRY—*continued*

Industry		Number of employees ('000)						Gross earnings	
		December 1990	September 1991	October 1991	November 1991		December 1991	December Quarter 1991	
		Persons	Persons	Persons	Males	Females	Persons	Persons	\$m
STATE GOVERNMENT									
Agriculture, forestry, fishing and hunting		7.5	7.3	7.3	5.8	1.4	7.2	6.9	55.3
Mining		6.0	5.4	5.2	4.9	0.1	5.0	5.0	68.2
Manufacturing		11.8	9.8	8.3	7.0	1.1	8.0	7.4	63.5
Electricity, gas and water		87.7	83.2	82.1	70.5	11.1	81.6	80.5	806.2
Construction		39.2	42.8	33.3	26.4	6.4	32.8	32.2	320.9
Wholesale and retail trade		2.6	1.8	2.1	1.2	0.9	2.1	2.1	15.5
Transport and storage		92.0	87.7	87.9	80.2	7.3	87.6	86.4	760.9
Finance, property and business services		65.1	44.8	47.2	19.7	26.2	45.9	45.9	355.4
Public administration and defence(c)		73.2	75.3	94.2	56.5	37.2	93.7	94.3	854.1
Community services		766.9	788.8	765.8	297.0	478.3	775.3	758.8	6,018.2
Recreation, personal and other services		14.5	13.9	14.1	6.6	8.4	15.0	14.9	81.2
Total all industries		1,166.5	1,161.0	1,147.7	575.9	578.5	1,154.4	1,134.6	9,400.2
LOCAL GOVERNMENT									
Electricity, gas and water		22.8	22.3	22.4	20.4	2.0	22.4	21.5	196.9
Public administration and defence(c)		132.5	133.2	133.8	87.1	47.5	134.6	134.5	866.0
Other industries		6.0	6.4	5.5	4.1	1.5	5.6	5.6	37.8
Total all industries		161.3	162.0	161.6	111.6	51.0	162.5	161.6	1,100.7

See footnotes at end of table.

TABLE 10. EMPLOYED WAGE AND SALARY EARNERS, AUSTRALIA — SECTOR AND INDUSTRY—continued

Industry	Number of employees ('000)						Gross earnings	
	December 1990		September 1991		October 1991		November 1991	
	Persons	Persons	Persons	Persons	Males	Females	Persons	Persons
TOTAL PUBLIC								
Agriculture, forestry, fishing and hunting		7.7	7.4	7.4	5.9	1.4	7.4	7.0
Mining		6.0	5.4	5.2	4.9	0.1	5.0	5.0
Manufacturing		31.2	25.1	26.9	22.1	4.5	26.6	25.8
Electricity, gas and water		111.3	106.3	105.3	91.5	13.2	104.7	102.8
Construction		43.4	48.0	41.5	33.4	7.4	40.9	40.2
Wholesale and retail trade		4.2	3.4	3.3	1.9	1.4	3.3	3.2
Transport and storage		131.1	123.3	127.2	109.5	17.1	126.6	124.8
Road transport		15.1	14.6	14.3	13.0	1.3	14.3	14.3
Other transport and storage		116.0	108.7	112.9	96.5	15.8	112.3	110.6
Communication		127.9	120.4	121.5	88.3	32.8	121.1	120.5
Finance, property and business services		115.5	106.7	107.1	44.6	61.0	105.6	105.6
Banking		65.8	63.1	64.1	26.5	37.3	63.8	63.6
Non-bank finance and investment		2.7	2.2	2.3	1.1	1.1	2.2	2.2
Insurance and services to insurance		16.1	16.4	15.8	6.2	9.6	15.8	15.8
Property and business services		31.0	25.0	24.9	10.8	13.0	23.7	23.9
Public administration and defence(c)		314.3	318.5	332.5	198.8	134.2	332.9	334.0
Community services		813.0	838.8	815.7	323.6	501.8	825.4	809.3
Health		293.3	299.0	289.4	76.4	214.0	290.4	290.1
Education, museum and library services		384.1	399.0	390.9	156.0	243.8	399.8	382.0
Welfare and religious institutions		25.6	26.8	22.5	6.2	16.1	22.4	24.0
Other community services		110.0	114.0	112.9	85.0	27.8	112.9	113.2
Recreation, personal and other services		24.3	23.9	23.0	11.6	12.0	23.6	23.4
Total all industries	1,729.9	1,727.4	1,716.6	936.1	787.0	1,723.1	1,701.7	13,828.4
PRIVATE AND PUBLIC								
Mining	85.6	77.9	76.1	68.9	6.9	75.8	75.9	975.0
Coal	31.7	28.1	28.1	27.0	0.8	27.8	27.9	421.6
Other mining	53.9	49.7	48.0	41.8	6.1	48.0	48.1	553.4
Manufacturing	1,007.2	904.0	916.0	661.6	252.6	914.2	906.4	7,271.9
Food, beverages and tobacco	176.0	157.6	166.0	114.0	52.4	166.4	164.6	1,196.7
Textiles	26.6	27.2	27.3	15.1	11.8	26.9	27.0	202.3
Clothing	49.6	47.2	45.9	10.9	34.3	45.2	44.2	266.1
Footwear	8.1	6.9	6.7	2.7	3.9	6.6	6.4	44.5
Wood and wood products	43.3	38.5	38.5	33.1	5.5	38.7	38.3	262.1
Furniture and mattresses	29.6	27.1	28.7	23.6	5.6	29.2	28.6	177.9
Paper and paper products	19.1	17.7	17.8	14.6	3.1	17.7	17.9	178.1
Printing and allied industries	86.0	87.8	87.7	54.8	33.6	88.4	87.3	682.6
Chemicals	54.7	45.8	49.8	34.2	16.2	50.4	50.3	486.0
Petroleum and coal products	7.3	7.2	7.5	6.3	0.9	7.2	7.1	106.8
Non-metallic mineral products	41.2	35.7	35.2	30.8	4.6	35.4	35.1	309.9
Basic iron and steel	40.7	39.2	39.0	34.5	3.3	37.8	37.8	411.5
Other basic metal products	26.7	24.3	24.3	22.1	2.1	24.2	24.2	251.7
Fabricated metal products	96.9	82.8	86.7	70.0	16.2	86.2	86.8	637.5
Motor vehicles and parts	67.2	57.5	57.2	47.5	9.1	56.6	55.2	456.3
Other transport equipment	33.3	23.8	25.8	23.3	2.7	26.1	25.9	228.5
Other machinery and equipment	132.6	119.9	116.1	85.8	29.0	114.8	113.5	943.0
Miscellaneous manufacturing	68.2	57.9	55.8	38.2	18.2	56.5	56.3	430.5

See footnotes at end of table.

TABLE 10. EMPLOYED WAGE AND SALARY EARNERS, AUSTRALIA — SECTOR AND INDUSTRY—*continued*

Industry			Number of employees ('000)					Gross earnings		
			December 1990	September 1991	October 1991	November 1991		December 1991	December Quarter 1991	
			Persons	Persons	Persons	Males	Females	Persons	Persons	
PRIVATE AND PUBLIC— <i>continued</i>										
Electricity, gas and water			113.0	109.5	108.6	94.0	14.0	108.0	106.1	1,039.2
Electricity and gas			74.4	72.2	70.5	61.4	8.6	70.1	68.9	693.8
Water, sewerage and drainage			38.6	37.4	38.1	32.6	5.3	37.9	37.2	345.4
Construction			286.8	277.0	269.8	220.7	46.6	267.3	261.6	2,118.6
Wholesale and retail trade			1,281.7	1,203.8	1,203.0	632.9	574.9	1,207.8	1,217.0	6,455.5
Wholesale trade			402.3	377.7	382.3	253.6	128.2	381.7	381.5	2,850.8
Retail trade			879.4	826.1	820.7	379.3	446.8	826.1	835.5	3,604.7
Motor vehicles, petrol, tyres			200.4	188.0	179.2	139.0	38.3	177.2	175.2	1,034.7
Other retail trade			679.0	638.1	641.5	240.3	408.5	648.8	660.3	2,570.0
Transport and storage			312.1	275.1	284.4	223.3	60.8	284.1	280.7	2,447.9
Road transport			108.9	93.1	97.5	79.3	19.6	98.9	97.5	657.9
Rail transport			76.5	73.7	76.1	70.1	5.4	75.6	74.3	701.3
Water transport			9.8	7.3	8.0	6.5	1.3	7.8	8.0	89.5
Air transport			35.0	31.1	30.1	19.5	10.6	30.1	29.9	346.8
Other transport and storage			81.8	69.9	72.6	47.8	23.9	71.8	71.0	652.4
Communication			128.8	121.8	122.6	88.8	33.2	122.0	121.3	905.8
Finance, property and business services			785.3	742.5	736.0	336.6	397.2	733.9	733.4	5,467.1
Banking			170.2	158.3	158.7	65.1	92.4	157.5	157.1	1,270.8
Non-bank finance			36.8	30.5	30.1	11.2	19.0	30.1	30.0	253.1
Investment; services to finance and investment			52.2	46.0	43.4	20.2	22.6	42.8	42.7	409.4
Insurance and services to insurance			82.2	86.1	88.9	38.5	49.8	88.4	87.7	697.8
Property and business services			443.9	421.7	414.8	201.6	213.4	415.1	415.9	2,835.9
Public administration and defence(c)			314.3	318.5	332.5	198.8	134.2	332.9	334.0	2,546.5
Commonwealth government admin.			84.6	86.9	81.5	40.2	41.5	81.7	82.0	662.9
State government admin.			67.7	70.0	88.0	53.0	34.6	87.6	88.2	795.5
Local government admin.			132.7	133.4	135.3	88.1	48.0	136.1	136.0	876.0
Other public admin. and defence(c)			29.3	28.2	27.7	17.5	10.1	27.6	27.8	212.0
Community services			1,325.1	1,371.6	1,349.1	474.3	887.9	1,362.2	1,339.8	9,551.7
Health			531.3	545.3	534.2	120.1	414.3	534.3	534.5	3,642.8
Education, museum and library services			499.2	524.1	512.6	192.5	331.9	524.5	503.0	3,872.9
Welfare and religious institutions			115.8	118.7	115.7	37.4	79.3	116.6	117.9	575.2
Other community services			178.7	183.5	186.6	124.4	62.4	186.8	184.5	1,460.8
Recreation, personal and other services(a)			471.0	469.1	481.2	212.5	273.7	486.2	490.4	2,035.0
Entertainment and recreational services			114.3	114.8	117.7	59.3	60.7	120.0	120.8	610.1
Restaurants, hotels: personal services			356.8	354.4	363.4	153.2	213.0	366.2	369.6	1,424.8
Total all industries(d)			6,118.6	5,878.4	5,886.7	3,218.3	2,683.5	5,901.8	5,873.6	40,870.3

(a) Excludes private households employing staff. (b) Includes employees of private enterprises classified to Communication. (c) Excludes members of permanent defence forces and employees of overseas embassies, consulates etc. (d) Includes employees of government agencies classified to Agriculture, forestry, fishing and hunting.

TABLE 11. EMPLOYED WAGE AND SALARY EARNERS, SEASONALLY ADJUSTED, AUSTRALIA

Industry	Number of employees ('000)					
		December 1990	September 1991	October 1991	November 1991	December 1991
Mining		85.0	79.0	75.9	75.9	75.3
Manufacturing		1,004.0	910.2	912.3	911.1	903.8
Construction		289.2	279.1	269.7	265.0	263.8
Wholesale and retail trade		1,255.1	1,215.7	1,201.5	1,197.0	1,192.1
Transport and storage		308.1	277.6	284.4	282.4	277.1
Communication		128.5	122.3	122.7	122.3	121.0
Finance, property and business services		787.6	747.8	738.1	732.6	735.5
Public administration and defence(a)		315.1	318.8	334.2	333.9	334.8
Community services		1,337.8	1,350.9	1,335.2	1,345.0	1,352.5
Recreation, personal and other services		463.4	474.9	483.0	481.3	482.4
Total all industries(b)(c)	6,084.4	5,885.5	5,868.6	5,852.3	5,841.4	

(a) Excludes members of permanent defence forces and employees of overseas embassies, consulates, etc. (b) Includes employees of government agencies classified to Agriculture, forestry, fishing and hunting. (c) Derived indirectly by the addition of seasonally adjusted private and public sector estimates, not by the summation of the component industries because not all industries are seasonally adjusted.

1. Manufacturing industries	1,004.0	910.2	912.3	911.1	903.8
2. Construction	289.2	279.1	269.7	265.0	263.8
3. Wholesale and retail trade	1,255.1	1,215.7	1,201.5	1,197.0	1,192.1
4. Transport and storage	308.1	277.6	284.4	282.4	277.1
5. Communication	128.5	122.3	122.7	122.3	121.0
6. Finance, property and business services	787.6	747.8	738.1	732.6	735.5
7. Public administration and defence(a)	315.1	318.8	334.2	333.9	334.8
8. Community services	1,337.8	1,350.9	1,335.2	1,345.0	1,352.5
9. Recreation, personal and other services	463.4	474.9	483.0	481.3	482.4
Total all industries(b)(c)	6,084.4	5,885.5	5,868.6	5,852.3	5,841.4

See footnotes at end of table.

TABLE 12. EMPLOYED WAGE AND SALARY EARNERS, NEW SOUTH WALES — SECTOR AND INDUSTRY

Industry	Number of employees ('000)					Gross earnings	
	December 1990	September 1991	October 1991	November 1991	December 1991	December Quarter 1991	
	Persons	Persons	Persons	Males	Females	Persons	\$m
PRIVATE							
Manufacturing	331.1	291.1	296.0	210.7	83.2	293.9	292.7
Electricity, gas and water; Construction	76.9	78.6	82.6	67.0	14.6	81.6	79.7
Wholesale and retail trade	441.9	415.1	417.5	225.8	193.6	419.4	423.2
Transport and storage	65.6	56.4	53.6	36.5	17.3	53.8	53.8
Finance, property and business services	274.8	264.7	256.5	123.9	133.5	257.4	252.8
Banking	43.7	37.5	37.2	15.1	21.7	36.8	36.6
Non-bank finance, investment and insurance	67.5	67.7	64.8	29.0	35.8	64.8	64.5
Property and business services	163.6	159.5	154.5	79.8	76.0	155.9	151.7
Community services	171.7	173.3	171.9	45.4	128.5	173.9	171.4
Health	78.5	77.4	78.6	14.7	63.7	78.4	78.9
Education, museum and library services	40.4	44.7	41.8	10.4	32.7	43.1	40.8
Welfare and other community services	52.8	51.1	51.4	20.3	32.1	52.4	51.8
Recreation, personal and other services(a)	187.5	169.9	175.2	80.2	96.5	176.7	180.8
Total all industries(b)(e)	1,572.7	1,469.5	1,474.1	809.0	668.5	1,477.4	1,475.0
PUBLIC							
Manufacturing	12.0	7.4	10.4	9.1	*1.4	10.4	10.3
Electricity, gas and water; Construction	52.0	50.8	50.1	42.4	7.3	49.8	48.6
Wholesale and retail trade	0.7	0.8	0.3	0.1	0.1	0.3	0.3
Transport and storage	50.2	45.4	45.1	37.9	7.1	45.0	44.7
Communication	45.2	41.9	43.3	31.1	11.9	43.0	42.9
Finance, property and business services	47.7	47.1	48.2	18.7	28.2	46.9	47.0
Banking	26.3	25.4	25.9	10.7	15.1	25.8	25.7
Non-bank finance, investment and insurance	5.8	5.8	5.8	2.1	3.6	5.7	5.7
Property and business services	15.6	15.9	16.5	5.8	9.6	15.4	15.6
Public administration and defence(c)	85.2	87.4	86.8	54.0	33.1	87.0	86.8
Community services	249.0	263.9	253.2	102.9	155.6	258.5	250.3
Health	91.6	98.4	92.8	23.9	68.4	92.3	91.2
Education, museum and library services	111.9	118.2	115.3	49.7	71.6	121.2	112.8
Welfare and other community services	45.4	47.3	45.0	29.3	15.6	44.9	46.3
Recreation, personal and other services	8.8	8.7	9.9	5.1	4.5	9.6	9.6
Total all industries(d)(e)	556.7	559.3	553.1	306.3	249.9	556.2	546.2

See footnotes at end of table.

(a) Excludes mining, quarrying and other services
 (b) Excludes mining, quarrying and other services
 (c) Excludes mining, quarrying and other services
 (d) Excludes mining, quarrying and other services
 (e) Excludes mining, quarrying and other services
 (f) Excludes mining, quarrying and other services
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 (v) Excludes mining, quarrying and other services
 (w) Excludes mining, quarrying and other services
 (x) Excludes mining, quarrying and other services
 (y) Excludes mining, quarrying and other services
 (z) Excludes mining, quarrying and other services

TABLE 12. EMPLOYED WAGE AND SALARY EARNERS, NEW SOUTH WALES — SECTOR AND INDUSTRY—continued

Industry	Number of employees ('000)						Gross earnings		
	December 1990		September 1991		October 1991		November 1991		
	Persons	Persons	Persons	Persons	Males	Females	Persons	Persons	
PRIVATE AND PUBLIC									
Mining		25.8	22.6	23.1	21.6	1.2	22.8	22.7	317.5
Manufacturing		343.1	298.5	306.4	219.8	84.5	304.4	303.0	2,558.7
Food, beverages and tobacco		55.7	45.6	46.5	31.2	15.3	46.5	46.6	351.1
Textiles; clothing and footwear		24.9	23.5	24.2	8.3	15.3	23.7	23.6	161.8
Wood and wood products		15.3	13.0	12.8	11.3	1.7	13.0	13.0	88.7
Furniture and mattresses		9.3	7.3	7.6	6.1	1.3	7.5	7.4	49.0
Paper, paper products, printing and publishing		36.5	34.7	35.0	21.5	13.5	35.0	34.2	286.2
Chemical, petroleum and coal products		27.1	22.6	23.6	15.7	8.0	23.7	23.7	246.0
Non-metallic mineral products		12.0	11.4	11.3	9.8	1.4	11.2	10.9	101.8
Basic metal products		31.8	31.1	31.2	27.7	2.3	30.0	30.3	351.2
Fabricated metal products		32.2	28.5	30.9	25.2	5.8	31.0	31.1	231.5
Motor vehicles and parts		8.1	6.4	6.8	5.8	1.0	6.8	6.7	51.5
Other transport equipment		13.8	7.9	10.8	9.8	1.1	10.9	10.7	96.3
Other machinery and equipment		53.6	48.0	47.7	35.1	12.1	47.2	47.1	405.7
Miscellaneous manufacturing		22.9	18.6	18.1	12.3	5.7	18.0	17.8	137.8
Electricity, gas and water		38.0	39.1	39.0	33.6	5.1	38.7	37.8	372.4
Construction		90.9	90.3	93.7	75.8	16.8	92.6	90.5	760.4
Wholesale and retail trade		442.6	415.9	417.8	225.9	193.8	419.7	423.5	2,421.2
Wholesale trade		142.7	142.6	143.0	94.8	47.9	142.7	142.4	1,143.7
Retail trade		299.9	273.4	274.8	131.1	145.9	277.0	281.1	1,277.5
Motor vehicles, petrol, tyres		72.7	66.1	57.7	45.2	12.1	57.3	56.3	354.9
Other retail trade		227.2	207.2	217.1	85.9	133.8	219.7	224.8	922.5
Transport and storage		115.8	101.8	98.8	74.4	24.4	98.8	98.5	838.7
Road transport		33.7	31.5	30.0	23.9	6.5	30.4	30.4	222.9
Other transport and storage		82.2	70.3	68.8	50.4	18.0	68.4	68.2	615.8
Communication		45.6	42.5	43.6	31.4	11.9	43.3	43.2	328.7
Finance, property and business services		322.5	311.8	304.7	142.6	161.7	304.3	299.9	2,403.7
Banking		70.0	62.9	63.1	25.8	36.8	62.5	62.4	531.8
Non-bank finance and investment		41.9	41.8	38.9	17.5	21.3	38.8	38.6	387.6
Insurance and services to insurance		31.4	31.7	31.7	13.7	18.0	31.8	31.7	268.9
Property and business services		179.2	175.4	171.0	85.6	85.6	171.3	167.2	1,215.4
Public administration and defence(c)		85.2	87.4	86.8	54.0	33.1	87.0	86.8	655.5
Commonwealth government admin.		19.2	19.9	20.6	9.9	10.9	20.8	20.8	157.7
State government admin.		16.8	17.2	16.8	9.0	7.8	16.8	16.4	140.3
Local government admin.		41.4	42.4	42.3	30.3	11.9	42.3	42.4	306.6
Other public admin. and defence(c)		7.7	7.9	7.2	4.8	2.4	7.2	7.2	50.8
Community services		420.6	437.2	425.1	148.3	284.1	432.4	421.7	2,972.0
Health		170.1	175.9	171.4	38.7	132.1	170.7	170.0	1,219.7
Education, museum and library services		152.3	162.9	157.2	60.1	104.3	164.3	153.6	1,137.1
Welfare and other community services		98.3	98.4	96.5	49.6	47.7	97.3	98.0	615.2
Recreation, personal and other services(a)		196.3	178.6	185.1	85.3	101.0	186.3	190.4	830.0
Entertainment and recreational services		50.1	49.7	51.1	24.5	*28.9	53.4	53.2	262.2
Restaurants, hotels; personal services		146.2	129.0	134.0	60.8	72.1	132.9	137.2	567.8
Total all industries(d)	2,129.4	2,028.9	2,027.1	1,115.2	918.4	2,033.6	2,021.2	14,481.6	

(a) Excludes private households employing staff. (b) Includes employees of private enterprises classified to communication. (c) Excludes members of permanent defence forces and employees of overseas embassies, consulates etc. (d) Includes employees of government agencies classified to Agriculture, forestry, fishing and hunting.

(e) Includes employees classified to Mining.

TABLE 13. EMPLOYED WAGE AND SALARY EARNERS, VICTORIA — SECTOR AND INDUSTRY

Industry	Number of employees ('000)						Gross earnings			
	December 1990	September 1991	October 1991	November 1991		December 1991	December Quarter 1991			
				Persons	Persons		\$m			
PRIVATE										
Mining			5.4	5.4	4.8	4.3	0.6	4.9	4.9	61.8
Manufacturing			342.1	299.7	303.3	211.6	91.9	303.4	299.8	2,447.3
Electricity, gas and water; Construction			72.5	62.0	58.1	47.5	10.0	57.5	56.7	418.6
Wholesale and retail trade			348.9	315.3	315.3	166.0	152.4	318.4	321.3	1,701.9
Transport and storage			41.4	34.2	37.8	27.1	10.3	37.4	37.0	277.1
Finance, property and business services			197.7	169.6	167.0	79.2	87.2	166.4	166.3	1,268.3
Banking			29.8	28.3	28.2	12.5	15.3	27.9	27.8	245.5
Non-bank finance, investment and insurance			50.0	38.7	39.9	17.0	22.7	39.7	39.7	335.1
Property and business services			117.8	102.6	98.8	49.7	49.2	98.8	98.8	687.7
Community services			144.5	152.6	154.2	45.0	110.4	155.3	154.7	896.7
Health			59.3	60.9	60.5	11.2	49.0	60.1	60.6	352.7
Education, museum and library services			38.1	41.6	40.5	11.7	29.6	41.2	40.6	265.3
Welfare and other community services			47.2	50.1	53.2	22.1	31.9	54.0	53.4	278.7
Recreation, personal and other services(a)			91.3	102.6	103.2	47.7	57.5	105.3	104.4	394.0
Total all industries(b)	1,243.8	1,141.5	1,143.7	628.3	520.3	1,148.6	1,145.1	7,465.9		
PUBLIC										
Agriculture, forestry, fishing and hunting	—	—	—	—	—	—	—	—	0.4	
Mining	2.0	1.9	2.0	2.0	0.1	2.0	2.0	2.0	23.5	
Manufacturing	6.5	6.0	6.2	4.6	1.6	6.2	6.2	6.2	55.5	
Electricity, gas and water; Construction	40.2	39.5	40.1	33.7	5.9	39.6	38.9	409.2		
Wholesale and retail trade	1.1	0.7	0.8	0.3	0.4	0.7	0.7	0.7	8.0	
Transport and storage	32.0	29.3	30.6	26.3	4.2	30.5	30.2	319.5		
Communication	37.8	36.5	35.8	25.6	10.2	35.9	35.7	269.0		
Finance, property and business services	26.5	21.8	21.4	8.6	12.6	21.3	21.2	171.2		
Banking	18.0	17.2	17.4	7.1	10.1	17.2	17.2	138.8		
Non-bank finance, investment and insurance	3.4	3.3	3.3	1.1	2.1	3.3	3.3	24.5		
Property and business services	5.1	1.3	*0.7	*0.4	0.4	*0.7	*0.7	*8.0		
Public administration and defence(c)	84.0	85.1	86.1	45.5	40.8	86.3	86.6	656.5		
Community services	216.8	216.4	210.9	81.7	132.1	213.9	212.4	1,816.8		
Health	82.1	79.9	80.1	20.4	60.0	80.5	81.1	633.0		
Education, museum and library services	99.3	101.6	96.5	39.4	59.7	99.1	96.7	847.4		
Welfare and other community services	35.5	34.9	34.3	21.9	12.4	34.3	34.6	336.3		
Recreation, personal and other services	5.1	4.4	3.9	2.0	2.6	4.7	4.6	31.2		
Total all industries	452.2	441.6	437.7	230.4	210.5	440.9	438.4	3,760.8		

See footnotes at end of table.

TABLE 13. EMPLOYED WAGE AND SALARY EARNERS, VICTORIA — SECTOR AND INDUSTRY—*continued*

Industry	Number of employees ('000)						Gross earnings \$m	
	December 1990		September 1991		October 1991		November 1991	
	Persons	Persons	Persons	Persons	Males	Females	Persons	Persons
PRIVATE AND PUBLIC								
Mining	7.5	7.2	6.8	6.2	0.6	6.9	6.9	85.2
Manufacturing	348.6	305.7	309.5	216.1	93.5	309.6	306.0	2,502.9
Food, beverages and tobacco	53.9	45.3	48.7	34.7	15.5	50.2	49.8	372.8
Textiles; clothing and footwear	44.1	40.5	39.1	14.2	24.2	38.4	37.4	250.2
Wood and wood products	8.5	6.3	7.6	6.3	1.2	7.5	7.2	50.6
Furniture and mattresses	9.1	9.5	9.9	8.4	2.0	10.4	9.8	64.3
Paper, paper products, printing and publishing	35.8	38.0	39.0	27.3	12.2	39.5	39.6	335.5
Chemical, petroleum and coal products	22.1	19.1	21.5	14.7	6.7	21.5	21.3	225.4
Non-metallic mineral products	12.2	9.3	8.2	7.2	1.0	8.1	8.1	71.3
Basic metal products	12.3	10.2	11.3	9.8	1.5	11.3	11.3	101.5
Fabricated metal products	30.2	24.3	26.1	20.3	5.2	25.6	25.7	204.3
Motor vehicles and parts	39.7	32.6	31.8	25.7	5.8	31.4	30.6	263.7
Other transport equipment	8.2	6.3	6.0	5.2	0.9	6.1	6.1	55.1
Other machinery and equipment	44.8	40.0	37.2	26.6	9.8	36.3	35.6	311.1
Miscellaneous manufacturing	27.8	24.4	23.0	15.8	7.5	23.4	23.4	197.1
Electricity, gas and water	33.3	30.1	29.3	25.5	3.6	29.0	28.5	307.2
Construction	79.4	71.4	68.9	55.7	12.4	68.1	67.1	520.6
Wholesale and retail trade	350.0	316.0	316.1	166.4	152.7	319.1	322.0	1,709.9
Wholesale trade	119.2	98.5	103.5	67.4	37.3	104.7	105.5	793.0
Retail trade	230.7	217.5	212.6	99.0	115.4	214.4	216.4	916.9
Motor vehicles, petrol, tyres	48.7	47.5	46.8	36.8	8.7	45.6	44.8	259.8
Other retail trade	182.0	170.0	165.8	62.2	106.7	168.9	171.7	657.1
Transport and storage	73.4	63.6	68.3	53.3	14.5	67.9	67.2	596.6
Road transport	27.4	21.2	25.0	19.3	5.5	24.8	24.5	152.9
Other transport and storage	46.0	42.4	43.4	34.0	9.0	43.0	42.6	443.8
Communication	37.8	36.6	35.9	25.7	10.2	35.9	35.7	269.1
Finance, property and business services	224.2	191.4	188.4	87.8	99.8	187.7	187.5	1,439.6
Banking	47.8	45.5	45.6	19.7	25.5	45.1	45.0	384.4
Non-bank finance and investment	31.0	19.1	19.1	7.9	11.0	18.9	19.0	158.9
Insurance and services to insurance	22.4	22.9	24.1	10.2	13.8	24.0	24.0	200.7
Property and business services	123.0	103.9	99.6	50.0	49.5	99.6	99.5	695.7
Public administration and defence(c)	84.0	85.1	86.1	45.5	40.8	86.3	86.6	656.5
Commonwealth government admin.	12.1	15.5	12.9	5.9	7.0	12.9	13.2	98.1
State government admin.	18.6	18.0	21.3	12.3	8.7	21.0	21.1	236.7
Local government admin.	44.0	43.1	43.4	21.7	22.2	43.9	43.7	249.6
Other public admin. and defence(c)	9.3	8.5	8.6	5.6	2.9	8.5	8.7	72.1
Community services	361.3	369.0	365.0	126.7	242.5	369.2	367.1	2,713.5
Health	141.4	140.8	140.5	31.6	109.0	140.6	141.7	985.7
Education, museum and library services	137.3	143.3	137.1	51.1	89.3	140.3	137.4	1,112.7
Welfare and other community services	82.7	85.0	87.4	44.0	44.3	88.3	88.0	615.1
Recreation, personal and other services(a)	96.4	107.0	107.1	49.8	60.2	109.9	109.0	425.3
Entertainment and recreational services	25.7	28.0	27.7	14.2	13.0	27.2	28.3	145.1
Restaurants, hotels; personal services	70.8	79.0	79.5	35.6	47.1	82.7	80.7	280.1
Total all industries(d)	1,696.0	1,583.1	1,581.4	858.7	730.8	1,589.6	1,583.5	11,226.7

(a) Excludes private households employing staff. (b) Includes employees of private enterprises classified to Communication. (c) Excludes members of permanent defence forces and employees of overseas embassies, consulates etc. (d) Includes employees of government agencies classified to Agriculture, forestry, fishing and hunting.

TABLE 14. EMPLOYED WAGE AND SALARY EARNERS, QUEENSLAND — SECTOR AND INDUSTRY

Industry	Number of employees ('000)						Gross earnings			
	December 1990		September 1991		October 1991		November 1991		December 1991	
	Persons	Persons	Persons	Persons	Males	Females	Persons	Persons	Quarter	1991
PRIVATE										
Mining	21.2	18.5	17.2	15.9	1.4	17.2	17.3	226.9		
Manufacturing	114.3	109.0	114.5	85.4	28.2	113.5	112.1	807.5		
Electricity, gas and water; Construction	40.2	36.9	39.3	33.0	6.3	39.4	37.6	288.0		
Wholesale and retail trade	214.7	206.7	204.5	105.1	99.6	204.7	206.6	1,046.5		
Transport and storage	35.0	25.6	27.1	20.5	6.8	27.3	26.6	173.7		
Finance, property and business services	80.2	79.1	82.8	35.7	46.4	82.1	82.7	553.2		
Banking	14.8	14.1	14.0	5.2	8.8	14.1	14.1	99.9		
Non-bank finance, investment and insurance	13.7	*13.1	15.9	*7.0	8.6	15.6	15.1	98.0		
Property and business services	51.8	51.9	52.9	23.5	28.9	52.5	53.4	355.2		
Community services	73.1	77.4	75.1	21.4	54.3	75.7	74.4	440.0		
Health	37.3	43.6	40.3	7.7	32.5	40.2	39.5	237.0		
Education, museum and library services	15.9	15.1	16.4	*5.8	11.2	17.0	16.6	110.3		
Welfare and other community services	20.0	18.7	18.4	8.0	10.5	18.5	18.3	92.8		
Recreation, personal and other services(a)	72.4	78.2	81.1	32.8	48.7	81.5	81.4	341.3		
Total all industries(b)	651.6	631.5	641.7	349.8	291.8	641.6	638.7	3,877.9		
PUBLIC										
Agriculture, forestry, fishing and hunting	1.5	1.5	1.5	1.2	0.2	1.5	0.9	11.2		
Manufacturing	5.1	5.6	5.0	4.2	0.5	4.8	4.4	37.5		
Electricity, gas and water; Construction	22.7	25.2	18.5	16.2	2.3	18.5	18.6	155.9		
Wholesale and retail trade	1.4	1.0	0.8	0.5	0.3	0.7	0.7	5.3		
Transport and storage	24.5	23.8	24.9	22.3	2.5	24.8	24.1	222.4		
Communication	19.8	18.8	18.9	14.2	4.6	18.8	18.6	118.8		
Finance, property and business services	13.1	12.4	12.0	5.4	6.6	12.0	12.0	93.1		
Banking	6.2	6.5	6.7	2.7	4.0	6.7	6.8	46.9		
Non-bank finance, investment and insurance	3.7	3.7	3.2	1.4	1.8	3.2	3.2	27.3		
Property and business services	3.2	2.1	2.1	1.3	0.8	2.1	2.1	19.0		
Public administration and defence(c)	45.8	46.8	56.6	38.6	18.0	56.6	57.0	402.1		
Community services	127.2	134.0	129.3	52.1	79.0	131.1	126.9	987.5		
Health	38.7	39.9	38.8	11.2	28.6	39.8	40.9	288.5		
Education, museum and library services	66.6	71.7	69.0	25.5	44.3	69.8	64.5	537.7		
Welfare and other community services	*21.9	22.4	21.5	15.4	6.2	21.5	21.6	161.3		
Recreation, personal and other services	2.8	2.4	2.2	0.9	1.3	2.2	2.2	15.1		
Total all industries	264.0	271.3	269.7	155.5	115.4	271.0	265.5	2,048.8		

See footnotes at end of table.

TABLE 14. EMPLOYED WAGE AND SALARY EARNERS, QUEENSLAND — SECTOR AND INDUSTRY—continued

Industry	Number of employees ('000)						December Quarter 1991	Gross earnings \$m
	December 1990	September 1991	October 1991	November 1991		December 1991		
	Persons	Persons	Persons	Males	Females	Persons		
PRIVATE AND PUBLIC								
Mining	21.2	18.5	17.2	15.9	1.4	17.2	17.3	226.9
Coal	10.3	9.7	9.4	9.0	0.4	9.4	9.5	144.3
Other mining	11.0	8.8	7.8	6.9	1.0	7.9	7.8	82.6
Manufacturing	119.5	114.5	119.5	89.6	28.7	118.3	116.5	845.0
Food, beverages and tobacco	27.8	31.5	35.4	24.6	9.1	33.8	31.7	245.0
Textiles; clothing and footwear	5.7	5.7	5.0	1.3	3.8	5.1	5.0	29.3
Wood and wood products	6.9	7.2	7.6	6.3	1.3	7.6	7.4	45.1
Furniture and mattresses	4.8	4.2	5.2	4.2	1.1	5.2	5.3	30.5
Paper, paper products, printing and publishing	10.5	9.8	9.8	6.1	3.6	9.7	9.7	67.2
Chemical, petroleum and coal products	5.6	5.2	5.8	*4.6	1.4	*6.1	*6.1	*53.7
Non-metallic mineral products	7.9	6.3	6.5	5.5	*0.9	6.5	6.8	52.4
Basic metal products	7.3	6.6	6.8	6.4	0.5	6.9	6.9	62.3
Fabricated metal products	15.9	14.1	14.0	11.3	2.4	13.7	14.1	92.9
Motor vehicles and parts	3.9	3.4	3.3	3.0	0.2	3.2	3.3	22.3
Other transport equipment	5.5	4.9	4.6	4.4	0.2	4.6	4.5	39.6
Other machinery and equipment	11.3	10.0	9.9	7.6	2.3	9.9	9.9	67.5
Miscellaneous manufacturing	6.3	5.8	5.6	4.2	1.8	6.0	5.9	37.1
Electricity, gas and water	14.5	14.1	13.9	12.3	1.7	13.9	14.1	121.8
Construction	48.5	48.0	43.9	37.0	6.9	43.9	42.1	322.1
Wholesale and retail trade	216.2	207.6	205.3	105.6	99.8	205.5	207.3	1,051.8
Wholesale trade	60.3	59.3	60.4	40.5	19.5	60.0	60.0	401.0
Retail trade	155.8	148.3	144.9	65.1	80.4	145.5	147.3	650.8
Motor vehicles, petrol, tyres	37.5	33.6	33.7	24.2	9.1	33.3	32.9	183.5
Other retail trade	118.4	114.8	111.2	40.9	71.3	112.2	114.4	467.3
Transport and storage	59.5	49.4	52.0	42.7	9.3	52.1	50.7	396.1
Road transport	19.8	16.0	17.2	14.3	3.2	17.5	16.7	102.4
Other transport and storage	39.7	33.4	34.8	28.4	6.2	34.6	34.0	293.7
Communication	20.1	19.0	19.1	14.2	4.8	19.0	18.6	119.5
Finance, property and business services	93.3	91.4	94.8	41.1	53.0	94.1	94.7	646.3
Banking	20.9	20.6	20.8	7.9	12.9	20.8	20.9	146.8
Non-bank finance and investment	6.6	5.5	5.1	2.0	3.1	5.1	5.1	39.1
Insurance and services to insurance	10.8	*11.3	14.0	*6.4	7.3	13.7	13.2	86.3
Property and business services	55.0	54.0	54.9	24.8	29.8	54.5	55.5	374.2
Public administration and defence(c)	45.8	46.8	56.6	38.6	18.0	56.6	57.0	402.1
Commonwealth government admin.	9.9	10.2	8.9	4.0	4.9	8.9	8.9	67.9
State government admin.	9.9	10.3	19.6	13.1	6.4	19.5	20.3	150.8
Local government admin.	23.1	23.8	24.7	19.4	5.5	24.8	24.6	163.2
Other public admin. and defence(c)	2.9	2.5	3.3	2.0	1.3	3.3	3.3	20.1
Community services	200.3	211.4	204.4	73.5	133.3	206.8	201.3	1,427.5
Health	76.0	83.4	79.1	18.9	61.2	80.0	80.4	525.5
Education, museum and library services	82.5	86.8	85.4	31.3	55.5	86.7	81.1	647.9
Welfare and other community services	41.8	41.1	39.9	23.3	16.7	40.0	39.9	254.1
Recreation, personal and other services(a)	75.2	80.6	83.3	33.6	50.1	83.7	83.7	356.4
Entertainment and recreational services	16.9	16.7	16.4	7.9	8.5	16.4	16.6	83.3
Restaurants, hotels; personal services	58.3	63.9	66.9	25.7	41.6	67.3	67.1	273.1
Total all industries(d)	915.6	902.9	911.5	505.3	407.3	912.6	904.2	5,926.7

(a) Excludes private households employing staff. (b) Includes employees of private enterprises classified to Communication. (c) Excludes members of permanent defence forces and employees of overseas embassies, consulates etc. (d) Includes employees of government agencies classified to Agriculture, forestry, fishing and hunting.

TABLE 15. EMPLOYED WAGE AND SALARY EARNERS, SOUTH AUSTRALIA — SECTOR AND INDUSTRY

Industry	Number of employees ('000)						Gross earnings	
	December 1990		September 1991		October 1991		November 1991	
	Persons	Persons	Persons	Persons	Males	Females	Persons	Persons
PRIVATE								
Mining	3.0	3.0	2.4	2.1	0.4	2.4	2.4	26.4
Manufacturing	95.5	93.1	91.2	67.3	24.3	91.6	90.5	674.4
Electricity, gas and water; Construction	18.6	16.5	14.7	11.2	2.2	13.4	13.6	102.5
Wholesale and retail trade	105.8	104.4	101.9	51.0	51.1	102.1	101.4	480.4
Transport and storage	12.2	13.0	14.0	11.6	3.0	14.6	14.5	116.8
Finance, property and business services	41.0	42.1	40.4	16.8	23.5	40.4	40.3	263.1
Banking	5.3	5.1	5.1	2.0	2.9	4.9	4.8	38.1
Non-bank finance, investment and insurance	9.1	10.6	9.5	3.9	5.8	9.7	9.6	71.6
Property and business services	26.6	26.5	25.7	11.0	14.8	25.8	25.9	153.5
Community services	55.8	55.6	56.4	16.7	39.5	56.2	55.2	300.5
Health	29.5	31.3	31.7	4.7	26.7	31.4	31.4	161.3
Education, museum and library services	9.5	9.4	8.7	3.8	5.2	9.0	9.1	61.6
Welfare and other community services	*16.8	*14.9	16.0	*8.2	7.6	15.8	14.7	77.6
Recreation, personal and other services(a)	35.4	32.9	33.9	13.5	21.0	34.5	34.7	119.4
Total all industries(b)	367.5	360.8	355.1	190.3	165.0	355.3	352.8	2,084.9
PUBLIC								
Agriculture, forestry, fishing and hunting	0.6	0.3	0.3	0.3	—	0.3	0.3	2.6
Mining	1.0	0.9	0.5	0.4	0.1	0.5	0.5	4.9
Manufacturing	3.5	3.3	3.3	2.9	0.4	3.3	3.3	26.9
Electricity, gas and water; Construction	15.0	14.3	14.6	12.1	*2.5	14.6	14.2	122.1
Wholesale and retail trade	0.3	*0.2	0.9	0.5	0.5	1.0	1.0	6.8
Transport and storage	9.8	9.2	9.2	8.2	0.9	9.1	9.0	83.6
Communication	9.2	8.5	8.7	6.6	2.0	8.7	8.6	77.1
Finance, property and business services	10.5	10.1	10.2	4.9	5.3	10.2	10.2	79.3
Banking	5.8	5.7	5.7	2.7	3.0	5.7	5.7	40.3
Non-bank finance, investment and insurance	2.4	2.3	2.4	1.0	1.3	2.4	2.4	20.0
Property and business services	2.3	2.0	2.2	1.1	1.0	2.1	2.1	19.1
Public administration and defence(c)	22.1	19.6	21.2	13.0	8.2	21.2	21.3	159.7
Community services	79.1	78.5	76.5	29.8	46.1	75.8	75.2	596.4
Health	31.9	32.0	28.6	7.3	21.5	28.8	28.5	205.6
Education, museum and library services	35.3	34.4	35.8	13.9	21.2	35.1	34.8	286.7
Welfare and other community services	12.0	12.2	12.1	8.5	3.4	11.9	12.0	104.1
Recreation, personal and other services	3.0	*3.8	2.2	0.7	1.5	2.2	2.1	12.0
Total all industries	154.1	148.8	147.7	79.4	67.5	146.9	145.9	1,171.4

See footnotes at end of table.

TABLE 15. EMPLOYED WAGE AND SALARY EARNERS, SOUTH AUSTRALIA — SECTOR AND INDUSTRY—*continued*

Industry	Number of employees ('000)						Gross earnings			
	December 1990		September 1991		October 1991		November 1991		December 1991	
	Persons	Persons	Persons	Persons	Males	Females	Persons	Persons	Persons	\$m
PRIVATE AND PUBLIC										
Mining	4.0	3.8	2.9	2.5	0.4	2.9	2.9	2.9	31.2	
Manufacturing	99.0	96.4	94.5	70.2	24.6	94.8	93.7	701.3		
Food, beverages and tobacco	17.0	16.1	16.1	10.7	5.4	16.2	16.6	99.9		
Textiles; clothing and footwear	5.4	7.3	7.1	2.9	4.2	7.1	7.2	45.3		
Wood and wood products	5.4	4.8	4.8	4.3	0.6	4.9	4.9	38.1		
Furniture and mattresses	2.6	2.4	2.5	2.1	0.4	2.6	2.6	14.3		
Paper, paper products, printing and publishing	8.1	8.4	8.3	5.7	2.8	8.5	8.3	68.1		
Chemical, petroleum and coal products	2.8	2.3	2.5	2.1	*0.4	2.5	2.5	24.6		
Non-metallic mineral products	3.7	3.1	2.9	2.4	*0.6	3.0	2.9	27.1		
Basic metal products	7.5	7.2	6.6	6.1	0.5	6.6	6.4	70.7		
Fabricated metal products	7.9	7.3	7.6	5.9	1.6	7.5	7.4	48.0		
Motor vehicles and parts	13.1	13.0	13.3	11.4	1.7	13.1	12.6	106.5		
Other transport equipment	2.2	2.4	2.4	2.2	0.2	2.4	2.5	19.9		
Other machinery and equipment	15.7	15.6	14.2	10.7	3.6	14.3	13.7	100.9		
Miscellaneous manufacturing	7.4	6.3	6.1	3.7	2.4	6.2	6.2	37.9		
Electricity, gas and water	10.2	9.7	9.7	8.0	*1.8	9.8	9.5	73.7		
Construction	23.4	21.1	19.6	15.3	2.9	18.2	18.3	150.9		
Wholesale and retail trade	106.1	104.6	102.8	51.5	51.5	103.0	102.3	487.2		
Wholesale trade	32.7	31.5	31.0	18.8	11.6	30.4	29.7	200.1		
Retail trade	73.4	73.1	71.8	32.7	40.0	72.6	72.6	287.1		
Motor vehicles, petrol, tyres	16.4	15.6	15.8	12.8	3.1	15.9	16.0	89.7		
Other retail trade	57.0	57.5	56.0	19.9	36.8	56.7	56.6	197.4		
Transport and storage	22.0	22.3	23.3	19.8	3.9	23.7	23.5	200.4		
Road transport	11.2	10.1	10.9	9.9	*1.4	11.3	11.3	80.7		
Other transport and storage	10.9	12.1	12.4	9.9	2.5	12.4	12.3	119.7		
Communication	9.4	8.7	8.9	6.7	2.1	8.8	8.8	78.5		
Finance, property and business services	51.5	52.2	50.6	21.7	28.9	50.6	50.6	342.4		
Banking	11.1	10.7	10.8	4.7	5.9	10.6	10.5	78.3		
Non-bank finance and investment	3.9	3.6	3.8	1.5	2.4	3.9	3.9	31.0		
Insurance and services to insurance	7.6	9.2	8.1	3.5	4.7	8.1	8.1	60.6		
Property and business services	28.9	28.6	27.9	12.1	15.8	27.9	28.0	172.5		
Public administration and defence(c)	22.1	19.6	21.2	13.0	8.2	21.2	21.3	159.7		
Commonwealth government admin.	5.9	*5.8	6.3	2.8	3.5	6.3	6.4	48.6		
State government admin.	5.6	4.1	5.1	3.5	1.6	5.1	5.1	47.2		
Local government admin.	8.5	8.2	9.2	6.3	2.8	9.2	9.2	59.4		
Other public admin. and defence(c)	*2.1	1.5	0.6	0.4	0.2	0.6	0.6	4.4		
Community services	134.9	134.1	133.0	46.4	85.6	132.0	130.5	896.9		
Health	61.4	63.3	60.3	12.0	48.2	60.3	59.9	366.9		
Education, museum and library services	44.8	43.7	44.5	17.7	26.4	44.1	43.9	348.3		
Welfare and other community services	28.7	27.1	28.1	16.7	11.0	27.7	26.7	181.7		
Recreation, personal and other services(a)	38.4	36.7	36.1	14.2	22.5	36.7	36.9	131.4		
Entertainment and recreational services	8.8	8.0	7.9	*4.3	3.8	8.1	8.1	36.2		
Restaurants, hotels; personal services	29.6	28.7	28.2	9.9	18.7	28.6	28.8	95.2		
Total all industries(d)	521.6	509.6	502.9	269.7	232.5	502.2	498.7	3,256.3		

(a) Excludes private households employing staff. (b) Includes employees of private enterprises classified to Communication. (c) Excludes members of permanent defence forces and employees of overseas embassies, consulates etc. (d) Includes employees of government agencies classified to Agriculture, forestry, fishing and hunting.

TABLE 16. EMPLOYED WAGE AND SALARY EARNERS, WESTERN AUSTRALIA — SECTOR AND INDUSTRY

Industry	Number of employees ('000)						Gross earnings			
	December 1990		September 1991		October 1991		November 1991		December 1991	
	Persons	Persons	Persons	Persons	Males	Females	Persons	Persons	Persons	\$m
PRIVATE										
Mining	22.6	21.7	21.8	18.9	2.9	21.8	22.1	265.0		
Manufacturing	63.2	56.8	56.1	43.2	14.2	57.4	57.6	439.2		
Electricity, gas and water; Construction	22.3	24.3	22.7	19.1	*4.2	23.3	22.5	196.7		
Wholesale and retail trade	110.1	104.5	105.9	55.4	50.3	105.7	106.1	510.8		
Transport and storage	20.8	15.0	17.1	12.8	4.1	16.9	16.8	194.2		
Finance, property and business services	47.2	49.1	50.4	20.8	29.2	50.0	53.8	316.0		
Banking	6.9	6.5	6.4	2.4	4.0	6.4	6.4	45.5		
Non-bank finance, investment and insurance	8.2	9.4	10.2	4.2	5.4	9.6	9.5	71.8		
Property and business services	32.1	33.2	33.8	14.3	19.7	34.0	37.9	198.7		
Community services	38.8	44.4	47.5	13.5	34.0	47.4	46.9	268.8		
Health	20.5	21.4	21.6	3.2	18.5	21.6	21.8	111.1		
Education, museum and library services	7.2	8.8	8.9	3.1	5.9	9.0	8.6	53.1		
Welfare and other community services	11.0	*14.2	17.0	7.2	9.7	16.8	16.5	104.6		
Recreation, personal and other services(a)	35.3	36.4	38.4	15.4	22.3	37.7	39.0	138.0		
Total all industries(b)	360.4	352.5	360.3	199.2	161.3	360.5	364.9	2,330.2		
PUBLIC										
Agriculture, forestry, fishing and hunting	1.7	1.6	1.6	1.2	0.4	1.6	1.7	13.1		
Mining	—	—	—	—	—	—	—	—		
Manufacturing	2.8	1.7	0.9	0.6	0.2	0.8	0.6	5.1		
Electricity, gas and water; Construction	14.5	14.6	14.2	12.6	1.4	14.0	13.6	139.8		
Wholesale and retail trade	0.5	0.4	0.4	0.3	0.1	0.4	0.4	3.7		
Transport and storage	9.4	10.3	10.7	9.6	1.1	10.7	10.5	99.5		
Communication	10.0	9.4	9.4	6.9	2.6	9.4	9.4	67.2		
Finance, property and business services	11.7	9.7	9.9	4.3	5.5	9.8	9.8	74.0		
Banking	7.1	6.7	6.8	2.6	4.1	6.7	6.6	46.2		
Non-bank finance, investment and insurance	1.4	1.4	1.4	0.6	0.8	1.4	1.4	11.0		
Property and business services	3.2	1.6	1.7	1.1	0.7	1.7	1.7	16.8		
Public administration and defence(c)	23.9	25.6	28.9	17.2	11.7	28.9	29.2	220.6		
Community services	80.7	84.9	83.6	32.0	51.5	83.5	82.4	641.5		
Health	30.3	29.9	30.0	8.3	21.7	30.0	29.6	249.7		
Education, museum and library services	37.6	41.5	41.7	14.5	27.1	41.6	40.8	284.3		
Welfare and other community services	12.8	*13.5	11.9	9.2	2.7	11.9	11.9	107.5		
Recreation, personal and other services	2.2	2.1	1.9	0.9	1.0	1.9	1.8	12.5		
Total all industries	157.4	160.4	161.5	85.6	75.5	161.1	159.5	1,277.0		

See footnotes at end of table.

TABLE 16. EMPLOYED WAGE AND SALARY EARNERS, WESTERN AUSTRALIA — SECTOR AND INDUSTRY—continued

Industry		Number of employees ('000)						Gross earnings	
		December 1990		September 1991		October 1991		November 1991	
		Persons	Persons	Persons	Persons	Males	Females	Persons	Persons
PRIVATE AND PUBLIC									
Mining		22.6	21.7	21.8	18.9	2.9	21.8	22.1	265.0
Manufacturing		66.0	58.5	56.9	43.8	14.4	58.2	58.2	444.3
Food, beverages and tobacco		14.9	12.3	12.3	8.5	4.4	12.9	13.0	85.4
Textiles; clothing and footwear		2.4	2.4	2.6	1.0	1.6	2.6	2.5	14.7
Wood and wood products		4.0	4.0	2.3	1.8	*0.5	2.3	2.4	14.9
Furniture and mattresses		*2.6	3.1	*2.8	*2.2	*0.6	*2.8	*2.8	*16.1
Paper, paper products, printing and publishing		7.5	8.1	6.8	3.7	3.1	6.7	6.7	43.0
Chemical, petroleum and coal products		3.9	3.3	3.3	2.9	0.4	3.3	3.3	36.9
Non-metallic mineral products		4.2	4.2	5.2	4.9	0.6	5.5	5.3	48.4
Basic metal products		4.4	4.5	4.2	3.9	0.3	4.2	4.2	47.4
Fabricated metal products		8.5	6.7	6.2	5.6	0.8	6.4	6.6	48.2
Transport equipment		4.3	2.6	2.6	2.3	0.4	2.7	2.8	20.7
Other machinery and equipment		6.2	5.2	6.4	5.3	1.1	6.3	6.3	52.8
Miscellaneous manufacturing		2.9	2.2	2.4	1.7	0.6	2.4	2.4	15.8
Electricity, gas and water		10.2	9.9	9.9	8.9	0.9	9.8	9.5	102.4
Construction		26.7	29.0	27.0	22.8	*4.8	27.6	26.6	234.1
Wholesale and retail trade		110.7	104.9	106.4	55.6	50.5	106.1	106.5	514.5
Wholesale trade		31.9	31.9	30.7	21.9	8.7	30.6	30.4	219.7
Retail trade		78.8	73.1	75.6	33.7	41.8	75.5	76.1	294.8
Motor vehicles, petrol, tyres		14.5	15.3	15.8	12.1	3.7	15.8	15.7	90.0
Other retail trade		64.2	57.8	59.8	21.6	38.1	59.7	60.4	204.7
Transport and storage		30.2	25.3	27.8	22.4	5.2	27.7	27.3	293.7
Road transport		*12.3	8.2	8.8	*7.2	1.8	9.0	9.1	58.6
Other transport and storage		*17.8	17.1	19.1	15.2	3.4	18.6	18.1	235.1
Communication		10.0	9.8	9.7	7.0	2.7	9.6	9.6	68.5
Finance, property and business services		58.9	58.8	60.3	25.1	34.7	59.8	63.6	390.0
Banking		14.0	13.2	13.2	5.0	8.1	13.1	13.0	91.7
Non-bank finance and investment		3.6	3.9	4.3	1.7	2.2	3.9	3.9	31.7
Insurance and services to insurance		6.0	6.9	7.3	3.1	4.0	7.1	7.0	51.1
Property and business services		35.3	34.7	35.5	15.4	20.4	35.7	39.6	215.5
Public administration and defence(c)		23.9	25.6	28.9	17.2	11.7	28.9	29.2	220.6
Commonwealth government admin.		5.2	5.2	5.3	*2.6	2.7	5.3	5.3	37.8
State government admin.		6.0	7.3	10.1	6.0	4.0	10.1	10.2	98.8
Local government admin.		11.0	11.4	11.8	7.7	4.2	11.9	11.9	70.4
Other public admin. and defence(c)		1.6	1.6	1.7	0.9	0.8	1.7	1.7	13.7
Community services		119.5	129.3	131.1	45.4	85.5	130.9	129.2	910.3
Health		50.8	51.2	51.6	11.5	40.1	51.6	51.4	360.8
Education, museum and library services		44.8	50.4	50.6	17.6	32.9	50.6	49.4	337.4
Welfare and other community services		23.9	27.7	28.9	16.3	12.4	28.7	28.4	212.1
Recreation, personal and other services(a)		37.5	38.4	40.2	16.3	23.3	39.6	40.8	150.5
Entertainment and recreational services		7.3	7.2	7.0	4.1	3.0	7.1	7.2	30.6
Restaurants, hotels; personal services		30.2	31.2	33.2	12.2	20.3	32.5	33.6	119.9
Total all industries(d)		517.9	512.9	521.7	284.8	236.8	521.6	524.4	3,607.2

(a) Excludes private households employing staff. (b) Includes employees of private enterprises classified to Communication. (c) Excludes members of permanent defence forces and employees of overseas embassies, consulates etc. (d) Includes employees of government agencies classified to Agriculture, forestry, fishing and hunting.

TABLE 17. EMPLOYED WAGE AND SALARY EARNERS, TASMANIA — SECTOR AND INDUSTRY

Industry	Number of employees ('000)						Gross earnings			
	December 1990		September 1991		October 1991		November 1991		December 1991	
	Persons	Persons	Persons	Persons	Males	Females	Persons	Persons	Persons	\$m
PRIVATE										
Mining		2.5	2.1	2.3	2.0	0.2	2.2	2.2	2.2	24.9
Manufacturing		24.1	23.4	23.4	18.2	5.1	23.4	23.4	23.4	180.6
Electricity, gas and water; Construction		4.1	4.5	5.3	4.5	0.8	5.3	4.9	4.9	35.9
Wholesale and retail trade		25.6	27.4	27.4	14.4	12.5	26.9	27.6	27.6	136.9
Transport and storage		4.0	3.7	4.2	3.1	1.1	4.1	4.2	4.2	29.0
Finance, property and business services	11.4	12.2	11.9	5.2	6.8	11.9	11.9	11.9	11.9	74.9
Banking	1.9	2.4	2.4	1.0	1.4	2.4	2.4	2.4	2.4	17.2
Non-bank finance, investment and insurance	2.6	2.9	2.4	1.0	1.4	2.4	2.4	2.4	2.4	17.1
Property and business services	6.9	6.9	7.1	3.2	4.0	7.1	7.1	7.1	7.1	40.6
Community services	13.6	13.9	13.5	3.3	10.1	13.4	13.3	13.3	13.3	66.8
Health	7.5	7.4	7.8	1.2	6.5	7.8	7.8	7.8	7.8	37.7
Education, museum and library services	2.0	2.0	2.1	0.9	1.2	2.1	2.1	2.1	2.1	13.6
Welfare and other community services	4.1	4.5	3.6	*1.2	2.3	3.6	3.6	3.4	3.4	15.5
Recreation, personal and other services(a)	11.8	11.2	10.4	4.4	6.5	10.9	11.2	11.2	11.2	43.0
Total all industries(b)	97.2	98.5	98.4	55.1	43.1	98.2	98.8	98.8	98.8	592.0
PUBLIC										
Agriculture, forestry, fishing and hunting	0.8	0.7	0.7	0.6	0.1	0.7	0.7	0.7	0.7	5.4
Manufacturing	0.2	0.2	0.2	0.2	0.1	0.2	0.2	0.2	0.2	1.6
Electricity, gas and water; Construction	6.2	5.9	4.8	4.2	0.6	4.7	4.7	4.7	4.7	44.3
Wholesale and retail trade	0.2	0.2	0.2	0.2	—	0.2	0.2	0.2	0.2	1.1
Transport and storage	2.0	2.3	2.4	2.0	0.4	2.3	2.2	2.2	2.2	28.0
Communication	2.8	2.3	2.4	2.0	0.4	2.4	2.4	2.4	2.4	19.1
Finance, property and business services	2.3	1.5	1.4	0.7	0.7	1.4	1.4	1.4	1.4	10.0
Banking	1.4	0.7	0.7	0.3	0.4	0.7	0.7	0.7	0.7	5.0
Non-bank finance, investment and insurance	0.5	0.6	0.6	0.3	0.3	0.6	0.6	0.6	0.6	3.9
Property and business services	*0.4	0.2	0.1	0.1	—	0.1	0.1	0.1	0.1	1.1
Public administration and defence(c)	9.5	10.5	11.6	7.6	4.1	11.6	11.7	11.7	11.7	84.4
Community services	26.7	25.0	25.2	9.6	15.9	25.5	25.1	25.1	25.1	176.0
Health	9.3	10.0	10.2	2.8	7.4	10.2	10.2	10.2	10.2	61.1
Education, museum and library services	14.6	12.6	12.6	5.0	7.9	12.9	12.4	12.4	12.4	95.0
Welfare and other community services	2.9	2.5	2.4	1.8	0.6	2.4	2.4	2.4	2.4	19.9
Recreation, personal and other services	0.6	0.6	0.6	0.3	0.2	0.6	0.6	0.6	0.6	5.0
Total all industries	51.2	49.3	49.5	27.2	22.5	49.7	49.2	49.2	49.2	374.9

See footnotes at end of table.

TABLE 17. EMPLOYED WAGE AND SALARY EARNERS, TASMANIA — SECTOR AND INDUSTRY—*continued*

Industry	Number of employees ('000)						Gross earnings (\$m)	
	December 1990		September 1991		October 1991		November 1991	
	Persons	Persons	Persons	Persons	Males	Females	Persons	Persons
PRIVATE AND PUBLIC								
Mining	2.5	2.1	2.3	2.0	0.2	2.2	2.2	24.9
Manufacturing	24.2	23.6	23.6	18.4	5.2	23.6	23.6	182.1
Food, beverages and tobacco	5.9	5.6	6.0	3.7	2.3	6.0	6.1	36.5
Textiles; clothing and footwear	1.6	1.8	1.7	0.9	0.9	1.8	1.8	10.9
Wood; wood products and furniture	3.6	3.3	3.5	3.2	0.4	3.5	3.5	24.6
Paper, paper products, printing and publishing	4.6	4.7	4.7	3.8	0.8	4.6	4.7	45.7
Chemical, petroleum and coal products	0.6	0.5	0.5	0.4	0.1	0.5	0.5	5.9
Non-metallic mineral products	0.7	0.7	0.8	0.7	0.1	0.8	0.8	6.2
Basic metal products	3.1	3.0	3.0	2.8	0.2	2.9	2.9	29.8
Fabricated metal products	1.4	1.2	1.3	1.2	0.1	1.3	1.3	7.9
Transport equipment	1.3	1.4	1.1	0.9	0.2	1.1	1.1	7.3
Other manufacturing	1.4	1.4	1.1	0.8	0.2	1.1	1.0	7.4
Electricity, gas and water	4.4	4.0	4.2	3.7	0.4	4.1	4.1	39.4
Construction	5.9	6.4	5.9	5.0	0.9	5.9	5.5	40.8
Wholesale and retail trade	25.8	27.6	27.5	14.5	12.5	27.1	27.8	138.0
Wholesale trade	7.9	7.3	8.0	5.9	2.0	7.9	8.0	48.4
Retail trade	17.9	20.2	19.6	8.7	10.5	19.2	19.7	89.6
Motor vehicles, petrol, tyres	4.3	5.5	5.3	4.6	*0.8	*5.3	*5.4	*33.4
Other retail trade	13.6	14.8	14.2	4.1	9.7	13.8	14.3	56.2
Transport and storage	6.0	6.0	6.6	5.1	1.4	6.5	6.4	57.0
Road transport	2.4	2.2	2.3	2.0	0.3	2.4	2.4	15.8
Other transport and storage	3.5	3.8	4.2	3.0	1.1	4.1	4.0	41.2
Communication	2.9	2.4	2.4	2.0	0.4	2.4	2.4	19.1
Finance, property and business services	13.8	13.7	13.3	5.9	7.5	13.3	13.3	85.0
Banking	3.3	3.1	3.1	1.3	1.8	3.1	3.1	22.2
Non-bank finance and investment	*1.0	1.2	1.2	0.6	0.6	1.2	1.2	8.0
Insurance and services to insurance	2.2	2.3	1.8	0.8	1.0	1.8	1.8	13.0
Property and business services	7.3	7.2	7.3	3.3	4.0	7.2	7.2	41.7
Public administration and defence(c)	9.5	10.5	11.6	7.6	4.1	11.6	11.7	84.4
Commonwealth government admin.	1.7	2.3	2.4	1.3	1.1	2.4	2.4	18.8
State government admin.	3.7	4.1	5.6	3.7	1.8	5.5	5.5	40.9
Local government admin.	3.6	3.5	3.1	2.2	0.9	3.1	3.1	20.6
Other public admin. and defence(c)	0.5	0.6	0.6	0.3	0.3	0.6	0.6	4.2
Community services	40.3	39.0	38.7	12.9	26.0	38.9	38.4	242.9
Health	16.8	17.4	18.0	4.0	13.9	17.9	18.1	98.9
Education, museum and library services	16.5	14.6	14.7	5.9	9.1	15.0	14.5	108.6
Welfare and other community services	7.0	6.9	6.0	3.0	2.9	6.0	5.8	35.4
Recreation, personal and other services(a)	12.4	11.8	11.0	4.7	6.8	11.5	11.7	48.0
Entertainment and recreational services	1.4	1.4	1.4	0.7	0.7	1.4	1.4	8.3
Restaurants, hotels; personal services	11.0	10.4	9.6	4.0	6.1	10.0	10.4	39.7
Total all industries(d)	148.4	147.7	147.8	82.3	65.6	147.9	147.9	966.9

(a) Excludes private households employing staff. (b) Includes employees of private enterprises classified to Communication. (c) Excludes members of permanent defence forces and employees of overseas embassies, consulates etc. (d) Includes employees of government agencies classified to Agriculture, forestry, fishing and hunting.

TABLE 18. EMPLOYED WAGE AND SALARY EARNERS, NORTHERN TERRITORY — INDUSTRY

Industry	Number of employees ('000)						Gross earnings	
	December 1990		September 1991		October 1991		December 1991	December Quarter 1991
	Persons	Persons	Persons	Males	Females	Persons	Persons	\$m
Mining	2.0	1.7	1.9	1.6	0.2	1.8	1.8	23.4
Manufacturing	2.8	3.2	2.0	1.3	0.5	1.8	1.9	12.9
Electricity, gas and water	1.2	1.1	1.0	0.8	0.2	1.0	1.0	9.8
Construction	7.1	*5.6	*5.0	*4.1	*1.1	*5.2	*5.3	*39.9
Wholesale and retail trade	11.2	10.9	10.1	5.0	5.1	10.1	10.0	52.1
Transport and storage	1.9	*3.5	*3.3	*2.3	*1.0	*3.2	*2.8	*25.1
Communication	1.0	1.0	1.0	0.7	0.2	1.0	1.0	7.1
Finance, property and business services	*6.6	*7.7	*7.9	*4.9	*3.1	*8.0	*7.8	45.6
Public administration and defence(a)	6.9	6.1	5.8	3.1	2.7	5.8	5.7	46.0
Community services	16.1	16.8	16.8	7.4	9.4	16.8	16.8	112.5
Health	5.8	5.3	5.3	1.7	3.7	5.3	5.3	27.4
Education, museum and library services	5.9	6.3	6.3	2.3	4.1	6.4	6.2	53.7
Welfare and other community services	*4.4	*5.2	5.1	3.4	1.6	5.1	5.3	31.4
Recreation, personal and other services(b)	5.2	6.4	5.9	2.8	3.0	5.8	5.3	28.6
Total all industries(c)	62.0	64.0	60.7	34.2	26.4	60.6	59.4	402.9

(a) Excludes members of permanent defence forces and employees of overseas embassies, consulates etc. (b) Excludes private households employing staff. (c) Includes employees of government agencies classified to Agriculture, forestry, fishing and hunting. (d) For August includes temporary Population Census employees.

TABLE 19. EMPLOYED WAGE AND SALARY EARNERS, AUSTRALIAN CAPITAL TERRITORY — INDUSTRY

Industry	Number of employees ('000)						Gross earnings	
	December 1990		September 1991		October 1991		December 1991	December Quarter 1991
	Persons	Persons	Persons	Males	Females	Persons	Persons	\$m
Manufacturing	3.9	3.6	3.5	2.4	1.1	3.5	3.5	24.7
Electricity, gas and water	1.4	1.5	1.5	1.3	0.3	1.5	1.5	12.4
Construction	4.9	5.2	5.8	4.9	0.9	5.8	6.1	49.9
Wholesale and retail trade	19.2	16.2	17.1	8.2	9.0	17.2	17.7	80.8
Transport and storage	3.2	3.3	4.3	3.3	1.0	4.3	4.3	40.4
Communication	2.0	2.0	2.0	1.2	0.8	2.0	2.0	15.4
Finance, property and business services	14.4	15.5	16.0	7.5	8.5	16.0	16.1	114.4
Public administration and defence(a)	37.0	37.5	35.7	19.8	15.7	35.5	35.6	321.7
Community services	32.0	34.8	35.1	13.6	21.6	35.1	34.8	276.1
Health	9.1	8.0	8.0	1.7	6.1	7.9	7.7	58.0
Education, museum and library services	15.1	16.1	16.8	6.6	10.4	16.9	16.9	127.2
Welfare and other community services	*7.8	*10.7	10.4	5.3	5.1	10.3	10.2	90.9
Recreation, personal and other services(b)	9.6	9.5	12.5	5.8	6.9	12.6	12.6	64.8
Total all industries(c)	127.9	129.2	133.6	68.0	65.7	133.7	134.3	1,001.9

(a) Excludes members of permanent defence forces and employees of overseas embassies, consulates etc. (b) Excludes private households employing staff. (c) Includes employees of government agencies classified to Agriculture, forestry, fishing and hunting.

TABLE 20. EMPLOYED WAGE AND SALARY EARNERS, PRIVATE SECTOR — EMPLOYER UNIT SIZE(a)

Employer unit size	Employer unit size	Less than 20 employees		20-99 employees		100 or more employees		Total	
		November 1991		December Quarter 1991		November 1991		December Quarter 1991	
		Persons ('000)	Gross Earnings (\$m)	Persons ('000)	Gross Earnings (\$m)	Persons ('000)	Gross Earnings (\$m)	Persons ('000)	Gross Earnings (\$m)
AUSTRALIA BY INDUSTRY									
Mining		6.0	51.8	8.2	91.9	56.5	763.1	70.8	906.8
Manufacturing		171.7	994.1	199.6	1,470.2	516.3	4,594.0	887.5	7,058.3
Electricity, gas and water		0.4	2.6	0.4	4.0	2.5	23.4	3.3	30.0
Construction		137.6	833.5	38.2	341.9	50.7	555.4	226.4	1,730.9
Wholesale and retail trade		479.5	2,307.6	239.2	1,523.5	485.8	2,596.3	1,204.5	6,427.3
Transport and storage		57.2	342.5	49.9	382.5	50.4	524.2	157.5	1,249.2
Finance, property and business services		252.0	1,581.7	120.3	964.2	256.0	2,099.2	628.3	4,644.8
Community services		158.4	894.1	144.1	815.5	234.3	1,415.1	536.8	3,124.8
Recreation, personal and other services(b)		194.8	670.5	128.8	530.7	138.9	663.5	462.6	1,864.7
Total all industries(c)		1,458.5	7,682.8	928.9	6,124.7	1,791.3	13,234.6	4,178.7	27,041.9
STATES AND TERRITORIES									
New South Wales		499.2	2,777.6	284.8	2,003.0	693.5	5,328.5	1,477.4	10,109.1
Victoria		389.8	1,981.7	274.7	1,864.1	484.0	3,620.1	1,148.6	7,465.9
Queensland		247.5	1,252.0	143.6	850.1	250.5	1,775.8	641.6	3,877.9
South Australia		116.2	592.0	89.2	531.0	149.9	961.9	355.3	2,084.9
Western Australia		124.1	641.9	90.1	582.2	146.3	1,106.0	360.5	2,330.2
Tasmania		37.7	179.5	22.6	141.6	38.0	271.0	98.2	592.0
Northern Territory		16.1	92.8	12.2	76.0	10.8	65.6	39.1	234.4
Australian Capital Territory		27.4	162.0	11.5	76.1	19.0	109.4	57.9	347.5

(a) See Appendix 2 and paragraph 26 of Explanatory Notes. (b) Excludes private households employing staff. (c) Includes employees of private enterprises classified to Communication.

EXPLANATORY NOTES

Introduction

This publication contains results of the quarterly Survey of Employment and Earnings (SEE) which was introduced in the September quarter 1983. The survey is designed to obtain, from employer units, information on numbers of wage and salary earners employed each month and their quarterly earnings. It replaces the civilian employees series, based principally on information obtained from payroll tax returns, which was discontinued after April 1980.

2. Background information on the reasons for the introduction of this survey is provided in *Information Paper: Review of ABS Employment Statistics* (6239.0) published on 8 July 1981. Further information on the differences in concepts, methodology and coverage of the old and new employment series is provided in *Information Paper: New Statistical Series: Employment, Average Weekly Earnings, Job Vacancies and Overtime* (6256.0) issued on 21 June 1984.

Scope of the survey

3. All wage and salary earners who received pay in any pay period ending within the quarter were represented in the survey, except: members of the Australian permanent defence forces; employees of enterprises in the private sector primarily engaged in agriculture, forestry, fishing and hunting; employees in private households employing staff; employees of overseas embassies, consulates, etc; employees based outside Australia.

4. An indicator of the number of employed wage and salary earners out of scope to the year ended June 1991 is shown in the following table as:

• New South Wales	79,400
• Victoria	51,200
• Queensland	45,500
• South Australia	20,900
• Western Australia	21,700
• Tasmania	8,100
• Northern Territory	7,400
• Australian Capital Territory	8,000
• Australia	242,200

Estimates of the number of employees in private sector agriculture and private households were derived from the Labour Force Survey while data relating to the number of permanent defence force members are based upon information supplied to the ABS by the Department of Defence.

Survey design

5. The survey is conducted by mail each quarter with data collected on monthly number of employees and quarterly earnings. For the first and last month of each quarter, only the total number of persons is collected; for the mid month of each quarter, details of males and females, full-time and part-time are collected.

6. For the *Private* and *Public* sectors, samples of approximately 15,000 private and 2,500 public employer units were selected from the ABS register of businesses to

ensure adequate State and industry representation. The statistical unit for the survey comprises all activities of an enterprise in a particular State. Each statistical unit was classified to an industry which reflected the predominant activity of the enterprise in the State. In a small number of cases where an enterprise had a significant number of employees in more than one industry, a separate statistical unit was created for each industry. Periodically, a review is undertaken to determine whether existing enterprises which are split into separate statistical units should continue to report on that basis. In addition, larger enterprises which are not currently split into separate statistical units are examined to decide whether they should be split for the purpose of reporting their employees. Any changes in reporting arrangements as a result of such review can have an impact on the industry estimates at the time of their implementation. Private sector statistical units are stratified by State, industry, and number of employees. Public sector statistical units are further stratified by institutional sector. An equal probability sample is selected from each stratum.

7. For the March quarter 1988 survey, a new private sector sample was introduced which reduced the number of private sector statistical units selected from 20,000 to 15,000. The new allocation of units within the existing stratification was achieved without significant loss of accuracy in the main estimates. The greater than usual change in the sample in recent quarters, however, has caused an increase in the standard error of the movement in the estimates between those periods (see paragraphs 11 to 13, below, for more information on interpretation of estimates of movements).

8. For the September quarter 1988, public sector sampling was introduced which reduced the number of public sector statistical units from a complete enumeration of approximately 4,000 to a sample of 2,500. This change has also been achieved without significant loss of accuracy in the main estimates.

9. From the December quarter 1991 survey data for a number of Commonwealth Government and ACT Government departments are being collected electronically.

Reliability of estimates

10. Estimates are subject to sampling and non-sampling errors. For more information refer to Appendix 1 - Technical Note.

Interpretation of estimates of movements

11. While estimates of employed wage and salary earners are presented in this publication for each month of the quarter, the survey is conducted quarterly and the sample of employer units is updated each quarter to reflect changes in the ABS register of business units, from which the sample is selected. These changes arise from the emergence of new businesses, takeovers and mergers, changes to industry classification, changes in the number of employees, and businesses which have ceased operations. Such updating of the register can contribute to

sudden changes in the estimates of employed wage and salary earners, and earnings.

12. The ABS has introduced new definitions and rules for recording units on the register with greater emphasis being given to the way organisations are structured and the type of data available from businesses' accounts. In order to correctly apply these new rules, the ABS introduced a program of visits to the largest private and public sector organisations in Australia to obtain up to date information on their structure and operations. The outcome of these visits and the adoption of new units definitions may result in changes over time in the survey estimates, as outlined in paragraph 11 above.

13. Estimates of monthly movements within each quarter arise solely from changes in reported number of employees by employer units but movements between quarters also reflect changes resulting from updating the survey sample.

Coverage Adjustment

14. This survey uses as its sampling frame the ABS's register of businesses which is regularly updated to take account of new businesses and businesses ceasing operation. A major source of information on new businesses is group employer (GE) registration with the Australian Tax Office. The ABS has developed an improved computer system for recording new businesses from this source on the register. An analysis to identify businesses which have been omitted from the register in the past is continuing. For the period of time over which the changed register updating processes were being introduced and until the new arrangements are fully implemented, some employers have not been able to be included in the lists of businesses from which the SEE sample is chosen each quarter. When the improvements to the business register have been completed the series in this publication may be revised to correct past results using information that is then expected to be available concerning new GE businesses. For additional information on the changes taking place to the business register refer to the information paper *Australian Bureau of Statistics Business Register, Recent Developments, 1991* (8130.0).

Seasonal Adjustment

15. Seasonally adjusted series are published in Tables 2, 5 and 11. Seasonal adjustment is a means of removing the estimated effects of normal seasonal variation from the series so that the effects of other influences on the series can be more clearly recognised. Seasonal adjustment does not remove the irregular or non-seasonal influences which may be present in any particular month. Influences that are volatile or unsystematic can still make it difficult to interpret the movement of the series even after adjustment for seasonal variation.

16. The series have been seasonally adjusted from September 1983 and the historical series can be made available on request. The seasonal factors are reviewed annually to take account of each additional year's original data. The most recent review took place in the March quarter 1991.

17. It is possible that the seasonality of employment has been affected to varying degrees by the changed patterns

of school holidays in some States. The impact of these changes on seasonally adjusted estimates cannot be assessed at this stage, and such effects are contained in both original and seasonally adjusted series.

18. Details about the method of seasonal adjustment of these series are available on request.

Standard Institutional Sector Classification of Australia (SISCA)

19. SISCA is a system for classifying institutional units by broad economic sectors and is a key component of the general national accounting framework. For the purposes of these statistics the classification has been used to separate public sector enterprises into public business (trading and financial) and general government. Certain public sector data have been classified by SISCA and are presented in Tables 6, 7 and 8.

Comparability of results

20. This series differs in several important ways from the former payroll tax-based civilian employees series, and estimates of employed wage and salary earners obtained from the Labour Force Survey (LFS). It provides an estimate of the number of jobs occupied by people, whereas the other two series provide estimates of the number of people in jobs. For this series, data are obtained directly from a sample survey of employer units drawn from the ABS register of business units, which is more complete than the coverage provided by employers subject to payroll tax. Comparability with LFS estimates is affected by the use of a different survey methodology and definitions. In addition, because of unavoidable time delays, which can vary across States, lags occur between the birth of new businesses and their appearance on the ABS register. They will not be represented in the sample selected from the register for one or two quarters after such businesses have commenced operation. As a consequence, estimates of movements in this series will lag those produced from the LFS, particularly at a time of upward movement in the business cycle. A detailed description of the comparability between the SEE series, the former payroll tax-based Civilian Employees series and the series provided by the LFS is presented in the *Information Paper: New Statistical Series: Employment, Average Weekly Earnings, Job Vacancies and Overtime* (6256.0). Additional detail on the differences between the SEE and the LFS series appears in the *Information Paper: Comparison of Employment Estimates from the Labour Force Survey and the Survey of Employment and Earnings* (6263.0), and in the supplement to the December 1986 issue of the *Treasury Roundup*.

21. Separate estimates of full-time and part-time employees are included in Table 9. For definitions of these terms, see Appendix 2 - Glossary. This table was first published in the June quarter 1987 issue of this publication and has not been published for previous quarters back to September 1983. This information is available on request. For the reasons outlined above in paragraph 20, it is difficult to compare estimates of full-time and part-time employees derived from the SEE with those produced from the LFS. Generally, the number of full-time employees is higher in the LFS series, and the number of part-time employees is higher in the SEE series. In the LFS, a person who works more than 35

hours a week in total in two (or more) part-time jobs is classified as working full-time. However, in this situation, the SEE would show two part-time jobs as having been filled.

22. The SEE collects total quarterly employee earnings primarily for use in estimating the gross domestic product component of the Australian National Accounts. Whilst average employee earnings can be derived from these data, the results will not be comparable with those from the Survey of Average Weekly Earnings (AWE) published in *Average Weekly Earnings, States and Australia* (6302.0). The SEE collects the sum of employee earnings paid in all pay periods ending in a quarter and the results will be affected by the varying number of pay periods from quarter to quarter, whereas the AWE relates to a specified pay period within a quarter and is not subject to such influences. In addition, certain types of payments within the scope of the SEE, such as retrospective pay, pay in advance, leave loadings and severance, termination and redundancy payments are specifically excluded from the AWE. The SEE earnings data are also subject to seasonal variations particularly in December and March quarters due to the incidence of holidays taken in January being paid in advance and the earnings being reported in December quarter figures.

23. Prior to July 1983 the number of public sector employees was derived from a variety of administrative sources and published in *The Labour Force, Australia* (6203.0). Public sector employee figures for July 1983 and subsequent months are based on data obtained from government departments and authorities using the same questionnaire, definitions, reference period, collection and processing procedures as for the sample of private employer units.

24. Differences occur between the new and old public sector series because of the changes to collection arrangements, reference period, the treatment of part-time employees and inclusion of public employees in forestry and services to agriculture (11,200 in May 1983). To provide a statistical link between the new and old public sector series, information on the new and old basis for April, May and June 1983 was released in the September quarter 1983 issue of this publication.

Employer unit size classification

25. Data presented in Table 20 show the concentration of employees in employer units in three size ranges. Over a period, the composition of these categories will vary as some employer units migrate from one size group to another due to changes in their employment levels. This will affect changes over time in the distribution of employees by size of employer unit.

26. The estimates shown in Table 20 are compiled using a different method to that used for all other tables in this publication. Due to the complex nature of the programming involved in the compilation process, the industry estimates do not add exactly down the columns to the total. The estimates do, however, add across the rows to the totals for persons and gross earnings.

Semi-logarithmic graphs

27. Diagram 4 on page 3 has been drawn using a logarithmic vertical scale to facilitate comparisons of rates of growth in series of differing magnitude. Equal distances on the vertical scale (over equal time periods) indicate equal rates of growth.

Related publications

28. Users may also wish to refer to the following publications which are available on request:

The Labour Force, Australia (6203.0) — issued monthly

Information Paper: Comparison of Employment Estimates from the Labour Force Survey and the Survey of Employment and Earnings (6263.0) — issued 11 July 1985

Average Weekly Earnings, Australia (Preliminary) (6301.0) and *Average Weekly Earnings, States and Australia* (6302.0) — issued quarterly

Occasional Paper No. 1986/1: Statistics on Wages, Earnings, Income and Labour Costs — A Guide to Their Concepts, Measurement and Usage — issued June 1986

Labour Statistics, Australia (6101.0) — issued annually

A Guide to Labour Statistics (6102.0) — issued 10 February 1986

Small Business in Australia 1990 (1321.0) — issued September 1991

Labour Force Projections, Australia, 1992-2005 (6260.0) — issued 11 November 1991.

29. Current publications produced by the ABS are listed in the *Catalogue of Publications and Products, Australia* (1101.0). The ABS also issues, on Tuesdays and Fridays, a *Publications Advice* (1105.0) which lists publications to be released within the next few days. The Catalogue and Publications Advice are available from any ABS office.

Unpublished statistics

30. In some cases, the ABS can also make available other information which is not published. This information may be made available in one or more of the following forms: microfiche, photocopy, data tape, computer printout, diskette, clerically-extracted tabulation. Generally, a charge is made for providing unpublished information. Inquiries should be made to Errol Preston on Canberra (06) 252 6511, or to Information Services in the nearest ABS office.

Symbols and other usages

— nil or rounded to zero

* subject to sampling variability too high for most practical purposes. See paragraph 3 of Appendix 1 - Technical Note

r revised

31. Where figures have been rounded, discrepancies may occur between sums of the component items and totals.

APPENDIX 1 - TECHNICAL NOTE

Reliability of estimates

Estimates for both the private and public sectors in this publication are subject to sampling variability because they are based on information relating to a sample of employer units rather than a full enumeration, (i.e. they may differ from the figures that would have been produced if the information had been obtained from all employer units). This difference, called sampling error, should not be confused with inaccuracy that may occur because of imperfections in reporting by respondents or in processing by the ABS; such inaccuracy is referred to as non-sampling error and may occur in any enumeration, whether it be a full count or sample. Efforts have been made to reduce the non-sampling error by careful design of questionnaires, detailed checking of returns and quality control of processing.

2. The sampling error associated with any estimate can be estimated from the sample results. One measure of sampling error is given by the *standard error* which indicates the degree to which an estimate may vary from the value that would have been obtained from a full enumeration (the 'true' figure). There are about two chances in three that a sample estimate differs from the true value by less than one standard error, and about nineteen chances in twenty that the difference will be less than two standard errors.

3. If the standard error of an estimate is large relative to the size of the estimate, the usefulness of that estimate is seriously impaired. For the tables in this publication, estimates with standard errors greater than 25 per cent of the estimate have been labelled with an asterisk.

4. Standard errors of estimates of *level*, by industry, are shown in Table A for the private sector and Table B for the public sector and relate only to the third month of the quarter. As the survey is conducted quarterly from a common sample of employer units, who report details of employees for each month of the quarter, standard errors

on all estimates for total persons employed in each month are of a similar magnitude.

5. Standard errors of estimates of *movements*, provide a measure of the reliability of changes in the level of an estimate. Tables A and B show standard errors for movements in the level of estimates for the private and public sectors respectively for persons between the third month of successive quarters. Annual movement standard errors are also shown and relate to December 1989 - December 1990 movements.

6. An example of the use of standard error on *levels* is as follows. If the estimated number of wage and salary earners was 5,500,000 with a standard error of 25,000, then there would be about two chances in three that a full enumeration would have given a figure in the range 5,475,000 to 5,525,000 and about nineteen chances in twenty that it would be in the range 5,450,000 to 5,550,000.

7. An example of the use of standard error on *movements* is as follows. If the estimated standard error for a quarterly change estimate of wage and salary earners was 15,000 and the quarterly change estimate between two quarters was 40,000 persons, then there would be about two chances in three that a full enumeration would have given a quarterly change estimate in the range 25,000 to 55,000 persons and about nineteen chances in twenty that it would be in the range 10,000 to 70,000 persons.

8. Quarterly movements in estimates of employed wage and salary earners are considered to be statistically significant where they exceed two standard errors.

9. Standard errors for earnings are approximately the same relative size as standard errors for number of employees. Detailed standard errors for both employment and earnings are available on request.

TABLE A. EMPLOYED WAGE AND SALARY EARNERS, STATES AND TERRITORIES — PRIVATE SECTOR :
STANDARD ERRORS, DECEMBER 1991, PERSONS
('000)

Industry	NSW	Vic.	Qld	SA	WA	Tas.	NT	ACT	Aust.
LEVEL									
Mining	0.6	0.8	0.7	0.2	1.6	0.1	0.3	—	2.0
Manufacturing	4.6	7.3	3.1	1.7	3.0	0.5	0.3	0.2	9.8
Construction	4.5	7.5	3.1	1.4	3.8	0.6	2.0	1.5	10.4
Wholesale and retail trade	12.0	9.9	7.5	5.9	2.8	2.0	0.8	1.6	18.7
Transport and storage	3.6	4.2	1.9	2.4	2.3	0.2	1.4	0.5	6.9
Finance, property and business services	11.5	6.7	5.7	2.7	6.0	1.0	2.4	1.3	16.2
Community services	6.6	9.1	5.3	4.7	2.5	0.8	1.6	1.0	13.7
Recreation, personal and other services(a)	13.3	6.2	4.4	2.8	3.2	1.0	0.7	1.7	16.1
Total all industries	23.6	19.8	12.6	9.1	9.6	2.7	4.0	3.2	36.2
QUARTERLY MOVEMENT									
Mining	0.4	0.8	0.8	0.1	1.5	0.1	0.3	—	1.9
Manufacturing	3.6	7.0	2.4	2.3	2.6	0.7	0.4	0.3	9.0
Construction	3.8	5.1	2.1	1.0	1.7	0.4	0.8	0.9	7.1
Wholesale and retail trade	11.0	6.4	7.2	3.2	2.1	1.3	1.1	1.1	15.3
Transport and storage	2.5	2.3	1.1	0.8	1.2	0.2	1.0	0.2	4.0
Finance, property and business services	11.2	4.4	3.6	1.4	4.0	0.5	0.2	0.8	13.3
Community services	4.4	5.8	4.7	2.1	1.3	0.7	0.8	0.5	9.1
Recreation, personal and other services(a)	8.4	3.9	2.6	2.2	2.1	0.6	0.5	1.1	10.2
Total all industries	19.3	13.8	10.3	5.4	6.4	1.8	2.0	2.1	27.4
ANNUAL MOVEMENT(b)									
Mining	1.3	0.3	1.5	0.2	1.3	—	0.2	—	2.4
Manufacturing	7.4	8.1	4.0	2.5	2.6	1.0	0.3	0.2	12.3
Construction	4.4	9.0	5.2	2.5	2.8	0.6	1.5	0.8	12.0
Wholesale and retail trade	11.3	12.2	8.9	6.8	3.0	1.6	1.4	1.2	20.4
Transport and storage	6.1	2.7	5.5	—	4.0	0.4	0.3	1.5	9.6
Finance, property and business services	13.6	12.1	9.0	2.6	4.6	1.3	1.3	1.4	21.1
Community services	5.3	4.8	4.9	3.7	4.4	4.4	0.9	0.6	11.3
Recreation, personal and other services(a)	8.9	5.6	5.7	1.8	2.2	0.8	1.0	1.0	12.4
Total all industries	23.1	22.4	17.1	9.1	9.3	5.1	2.9	2.8	39.2

(a) Excludes private households employing staff. (b) See paragraph 5 in Appendix 1.

TABLE B. EMPLOYED WAGE AND SALARY EARNERS, STATES AND TERRITORIES — PUBLIC SECTOR :
STANDARD ERRORS, DECEMBER 1991, PERSONS
('000)

Industry	NSW	Vic.	Qld	SA	WA	Tas.	NT	ACT	Aust.
LEVEL									
Agriculture, forestry, fishing and hunting	—	—	—	—	—	—	—	—	—
Mining	—	—	—	—	—	—	—	—	—
Manufacturing	1.2	1.4	—	—	—	—	—	—	1.8
Electricity, gas and water	0.1	0.1	0.2	0.2	—	0.1	—	—	0.3
Construction	—	1.0	—	—	—	—	—	—	1.0
Wholesale and retail trade	—	—	—	0.2	—	—	—	—	0.2
Transport and storage	0.3	1.0	—	—	—	—	—	—	1.1
Communication	—	—	—	—	0.1	—	—	—	0.1
Finance, property and business services	1.2	0.3	0.1	0.1	—	—	—	—	1.2
Public administration and defence(a)	1.9	1.7	2.0	1.0	0.9	0.1	—	—	3.6
Community services	3.0	1.0	1.2	0.3	0.9	—	0.2	—	3.5
Recreation, personal and other services	1.4	—	—	0.1	—	—	—	0.1	1.4
Total all industries	2.9	2.0	2.4	1.1	0.2	0.2	0.2	0.1	4.4
QUARTERLY MOVEMENT									
Agriculture, forestry, fishing and hunting	—	—	—	—	—	—	—	—	—
Mining	—	—	—	—	—	—	—	—	—
Manufacturing	0.9	1.1	—	—	—	—	—	—	1.4
Electricity, gas and water	0.1	0.1	0.2	0.2	—	0.1	—	—	0.3
Construction	—	1.0	—	—	—	—	—	—	1.0
Wholesale and retail trade	—	—	—	0.2	—	—	—	—	0.2
Transport and storage	0.7	0.7	—	—	—	—	—	—	1.0
Communication	—	0.1	—	—	—	—	—	—	0.1
Finance, property and business services	0.9	0.2	—	0.1	—	—	—	—	0.9
Public administration and defence(a)	1.5	1.7	2.1	2.3	0.9	0.1	—	—	3.9
Community services	3.0	0.4	0.7	0.4	1.2	—	0.2	—	3.4
Recreation, personal and other services	1.0	—	—	1.4	—	—	—	0.1	1.8
Total all industries	3.3	2.0	2.2	1.4	1.0	0.2	0.2	0.1	4.8
ANNUAL MOVEMENT(b)									
Agriculture, forestry, fishing and hunting	—	—	—	—	—	—	—	—	—
Mining	—	—	—	—	—	—	—	—	—
Manufacturing	—	—	—	—	—	—	—	—	—
Electricity, gas and water	—	0.1	0.1	—	—	—	—	—	0.1
Construction	—	—	—	—	—	—	—	—	—
Wholesale and retail trade	1.0	—	—	—	—	—	—	—	1.0
Transport and storage	0.1	0.5	0.1	—	—	—	—	—	0.5
Communication	—	0.1	—	—	—	—	—	—	0.1
Finance, property and business services	0.2	0.1	0.1	—	—	0.1	—	—	0.3
Public administration and defence(a)	0.6	1.3	0.7	0.7	0.1	—	—	—	1.7
Community services	1.1	3.0	1.4	0.5	—	—	—	—	3.5
Recreation, personal and other services	0.7	—	—	—	—	—	—	0.1	0.7
Total all industries	1.5	3.3	1.6	0.9	0.1	0.1	—	0.1	4.1

(a) Excludes members of permanent defence forces and employees of overseas embassies, consulates etc. (b) See paragraph 5 in Appendix 1.



APPENDIX 2 - GLOSSARY

Commonwealth government employees. Persons employed by all departments, agencies and authorities created by or reporting to the Commonwealth Parliament, including trading bodies such as banks, airlines and communications bodies. Those bodies run jointly by Commonwealth and State governments are classified to Commonwealth.

Employer units are the statistical units which make up the population from which the sample was drawn (see paragraph 6 of the Explanatory Notes).

Employer unit size. To derive estimates of employer unit size, each of the approximately 15,000 private sector employer units is allocated a size classification based on the number of employees actually reported for the middle month of the quarter. The size classification reflects the size of an enterprise in a particular State/Territory and not necessarily the size of an enterprise Australia wide.

Full-time employees. Permanent, temporary and casual employees who normally work the agreed or award hours for a full-time employee in their occupation and who received pay for any part of the reference period. If agreed or award hours do not apply, employees are regarded as full-time if they ordinarily work 35 hours or more per week.

General government enterprises. Public sector enterprises mainly engaged in the production of goods and services, outside the normal market mechanisms, providing these goods and services to the general public. The costs of operations are often financed from public revenues. e.g. Government Departments.

Gross earnings. Payments to employees before tax and other items (such as superannuation) are deducted. They comprise ordinary time and overtime earnings; overaward payments; penalty payments, shift and other remunerative allowances; commissions and retainers; bonuses and similar payments; payments under incentive or piecework; payments under profit-sharing schemes; leave loadings; annual and long service leave payments; sick leave payments; advance and retrospective payments; salaries and fees paid to company directors, members of boards, committees, commissions, councils, etc.; amounts paid to employees on workers' compensation who continue to be paid through the payroll; and severance, termination and redundancy payments.

Industry. Industry is classified according to the *Australian Standard Industrial Classification (ASIC) 1983 Edition (1201.0)*.

Institutional sector. Institutional sector is classified according to the *Standard Institutional Sector Classification of Australia (SISCA) 1987 Edition (1218.0)*.

Local government employees. Persons employed by municipalities and shires and other local authorities created by or subject to the provisions of local government legislation, such as county councils in New South Wales.

Number of employees. All wage and salary earners who received pay for any part of the relevant pay period. All permanent, temporary, casual, managerial and executive employees are included. Part-time and casual employees who may have worked only a few hours during the reference period are included. Employees on paid leave and those employees on workers' compensation who continue to be paid through the employer's payroll are also included. Casual employees who work on an irregular basis and who were not paid during the relevant pay period, employees on leave without pay, on strike or stood down without pay for the whole of the pay period are excluded.

Part-time employees. Permanent, temporary and casual employees who are not classified as full-time employees as defined.

Public employees. Administrative employees and all other employees of Commonwealth, State and Local government businesses and financial undertakings engaged in services such as railways, road transport, banks, postal and telecommunications, air transport, education, radio, television, police, public works, factories, marketing authorities, hospitals and welfare institutions.

Public financial enterprises. Public sector enterprises actively involved in financial market transactions such as borrowing and lending. Excluded are those public bodies whose funds flow directly to or from general government revenue.

Public trading enterprises. Public sector enterprises predominately engaged in the production of goods and services with an intention of maximising profits and financial returns with most operating costs being derived from trading activities.

Reference period for the number of employees. The last pay period ending on or before the third Friday in each month.

Reference period for earnings. All pay periods for which the end of the pay period falls within the quarter.

Sector. Public sector includes local government authorities and all government departments, agencies and authorities created by, or reporting to the Commonwealth and State Parliaments. All remaining employees are classified as private sector.

State government employees. Persons employed by all State government departments and authorities created by, or reporting to, State Parliaments, including organisations for which the Commonwealth has assumed financial responsibility, e.g. universities. Following self-government, the Northern Territory and the Australian Capital Territory administrations have been classified to 'State' governments. Employees of State governments employed interstate are included in the estimates of the State in which they are based.



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